

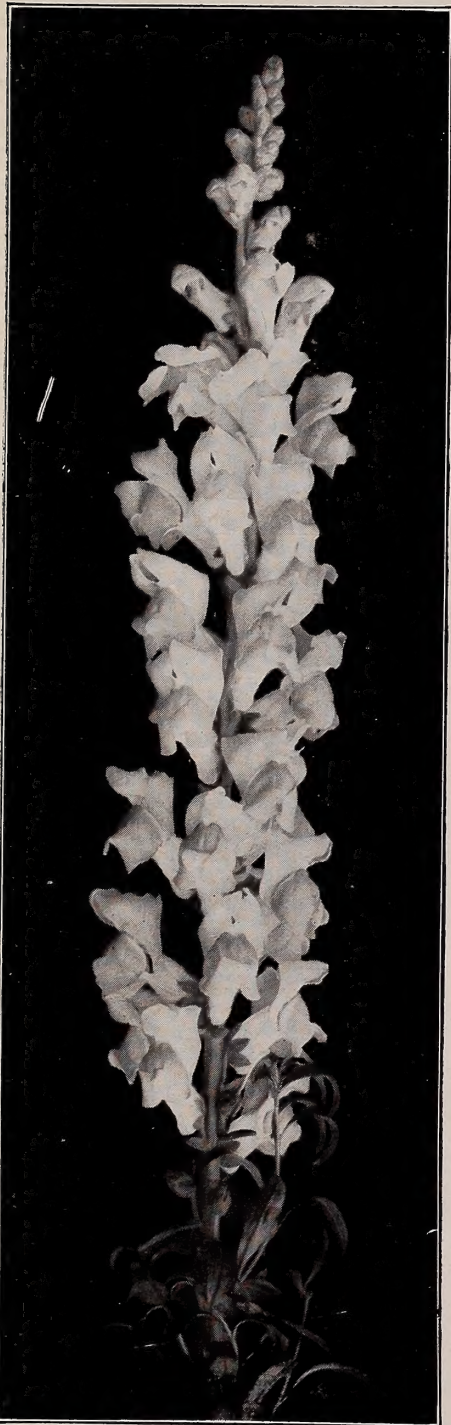
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Flower Seeds, Bulbs and Plants

SPECIAL CASH DISCOUNT 5 PER CENT on orders over \$2.00 for Flower Seeds, if the cash is enclosed.

This List Cancels All Previous Offers



ANTIRRHINUM Ceylon Court Yellow

New Snapdragon—Ceylon Court Yellow

We Are the Introducers of This Splendid Early Yellow Snapdragon

A winter-blooming snapdragon of robust growth; foliage strong, healthy, vigorous and rust resisting. 40 to 48 inches high. A beautiful canary-yellow. Spikes 10 to 14 inches; flowers closely set; one of the earliest and most productive producers. Every growth a flower spike; strong, wiry stems. Ready for cutting two weeks before most other varieties.

Trade pkt., \$1.00, 3 for \$2.50, 5 for \$3.50

Other "SNAPS" for Greenhouse Forcing

	Trade 3	Trade 5	Trade
	p.kts.	p.kts.	p.kts.
*Afterglow. Golden bronze with habit of Rose Queen. First premium Cleveland Flower Show 1932....	\$1.50	\$4.00	\$6.50
*Cincinnati (Witterstaetter) A most attractive fragrant light rose pink, good growth, long stemmed and flowers well placed on stems. Received silver medal at National show and first premium Cleveland Flower show 1932.....	2.00	5.00	
Cheviot Maid. The original strain of this well known pink forcing variety.....	1.00	2.50	3.50
*Cheviot Maid Supreme. A distinct improvement on the preceding variety. Deeper in color and longer stem. 7 Trade Pkts. for \$8.50	1.50	4.00	6.25
*Dark Selection Ceylon Court. Yellow.....	2.00	5.00	
Golden Pink Queen	1.00	2.50	
Happiness. New, pure pink	1.00	2.50	
Helen. Lovely salmon.....	1.00	2.50	
*Jennie Schneider. Soft rose pink sow early for winter flowering 6 Tr. Pkts. for \$4.50	1.00	2.50	
Judd's New Early Premier. Rose color	1.00	2.50	
Laura. A glossy deep rose.....	1.00	2.50	
*Lucky Strike. Best pure white, grows three to four feet with splendid full spike of flowers does not drop or shatter! Does not produce ground shoots. Won two prizes at National Flower show, Cincinnati 1931.....	2.00	5.00	
Orlando. A good bronze	1.00	2.50	4.00
Penn-Orange. Striking tangerine orange dark green foliage.....	1.00	2.50	4.00
Roman Gold. A deep golden yellow with the lip a lighter yellow suffused pink, the tips having a beautiful pink copper hue. 6 Trade Pkts. \$4.50..	1.00	2.50	
*Rose Queen (Witterstaetter). Dark pink. Won first prize at Cleveland Flower show 1932.....	1.50	4.00	6.25
Sun-Tan. Rosy shade of tan with tinge of yellow on lip	1.50	4.00	6.25
Sunburst Improved. Color of Sunburst rose.....	1.00	2.50	4.00
Terry's Surprise. Very fine attractive pink and bronze shades. 6 Trade Pkts. for \$9.00.....	2.00	5.00	
*White Rock. Early pure white.....	1.00	2.50	4.00
*Winter Helen. Lovely salmon pink, early and winter bloomer disease resisting plants.....	1.50		
Green house varieties mixed.....	1.00	2.50	

*These varieties are best for early winter flowering.

NOTICE—We do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness, or any other matter of any seeds, bulbs or plants sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on the above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions we make this sale, at the moderate prices at which we sell our goods.

VAUGHAN'S SEED STORE, (Inc.)

10-12 West Randolph St.
601-609 W. Jackson Blvd.
Phone—Monroe 0312

CHICAGO

Vaughan's Seed Store

NEW YORK

47-49 Barclay Street



BEGONIA Semperflorens

Begonia

	Trade	pkt.	Oz.
Christmas Cheer Red. A very large-flowered variety, color, dark crimson-scarlet.....	1/64 oz.,	\$2.00	\$1.00
Christmas Pink. The growth, blossoms and foliage are identical to above variety only the color is a delightful shade of warm rose-pink... 1/64 oz.,	\$2.00	1.00	
Gracilis Luminosa, deep dark scarlet, foliage reddish brown, 10 in.....	1/32 oz., \$1.80; 1/8 oz.,	\$5.40	1.00 \$38.00
Dwarf Luminosa. Extra dwarf, scarlet, 1/64 oz.,	2.00	1.00	
Fireball. Fiery crimson, 10 in.....	1/32 oz.,	1.80	1.00
Mignon. Semi-dwarf, brilliant salmon-scarlet, 10 in.....	1/32 oz.,	\$1.80	1.00
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in.....	1/32 oz.,	\$3.00	1.00
Radio. Large flowered, shining, pure carmine-scarlet.....	1/32 oz.,	\$2.50	1.00
Rose Charm. Fresh rose color.....	1/32 oz.,	2.50;	1.00
White Pearl. White.....	1/32 oz.,	1.60	.50
Semperflorens Alba. White, 14 in.....	1/8 oz.,	50c	.25
Albert Martin. Bright carmine, very large flowers, 14 in.....	1/32 oz.,	\$1.00	.50
Erfordia. Rosy carmine, 10 in.....	1/32 oz.,	1.40	.50
Fire Sea (Blaze of Fire). Red flowers, green foliage.....	1/32 oz.,	\$2.25	1.00
Flame of Love. Large scarlet flowers, bright green, brown-tinted foliage, 10 in.....	1/32 oz.,	\$2.00	1.00
G. Knaacke. Glowing salmon pink resembling Melior.....	1/32 oz.,	\$2.00	1.00
Glory of Erfurt. Large carmine flowers.....	1/32 oz.,	2.40	.50
Gruppen Konigin. Large soft pink flowers.....	1/32 oz.,	2.00	1.00
Melanie (Marginata). White, margined with rose			.50
Salmon Queen. Large cinnabar red blooms, dark leaf, 12 in.....	1/32 oz.,	\$1.80	1.00
Striegau. New dwarf compact plant with large fiery carmine flowers.....			1.00
Vernon. Blood-red, dark leaves, 12 in. 1/16 oz.,	50c		.35
Winter Romance. Carmine pink flowers, light green foliage.....			1.00
Wuerttembergia. Deep scarlet.....	1/32 oz.,	\$1.00	.50
Mixed.....	1/8 oz.,	.60	.25 3.20
Tuberous-Rooted, Single. Mixed 12-in.,	1/32 oz.,	2.00	.50
Crispa mixture of frilled sorts.....	1/32 oz.,	2.40	1.00
Narcissus-Flowered.....			1.00
Lloyd (Pendula). Pendulous double-blooming, many fine shades, for pots and hanging baskets,			1.00
Double. Mixed.....	1/64 oz.,	\$4.00	1.00
Bronze Leaved Scarlet.....	1/64 oz.,	5.00	1.00

Chinese Forget-Me-Not

Cynoglossum Amabile A lovely plant 18 to 24 inches tall, with flowers of a true Forget-me-not blue. May be grown either outside or under glass. Makes wonderful cut flower.....	.10	.40
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ALOE VARIEGATA

or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity and fetch good prices. Order at once for early sowing!

100 seeds \$1.25;
1000 seeds,
\$10.00.



Cactus Seed

In view of the great interest in Cacti at the present time, we are offering seeds of some of the most popular types in mixture, and a few of the better known varieties separately; also a collection of ten varieties in separate packets.

Cacti can easily be grown from seed and it is an interesting pastime, each miniature plant being as perfect as the parent, and most of the varieties offered developing comparatively fast. The seeds germinate irregularly, over a period of from 14 to 40 days. All the bags have cultural directions.

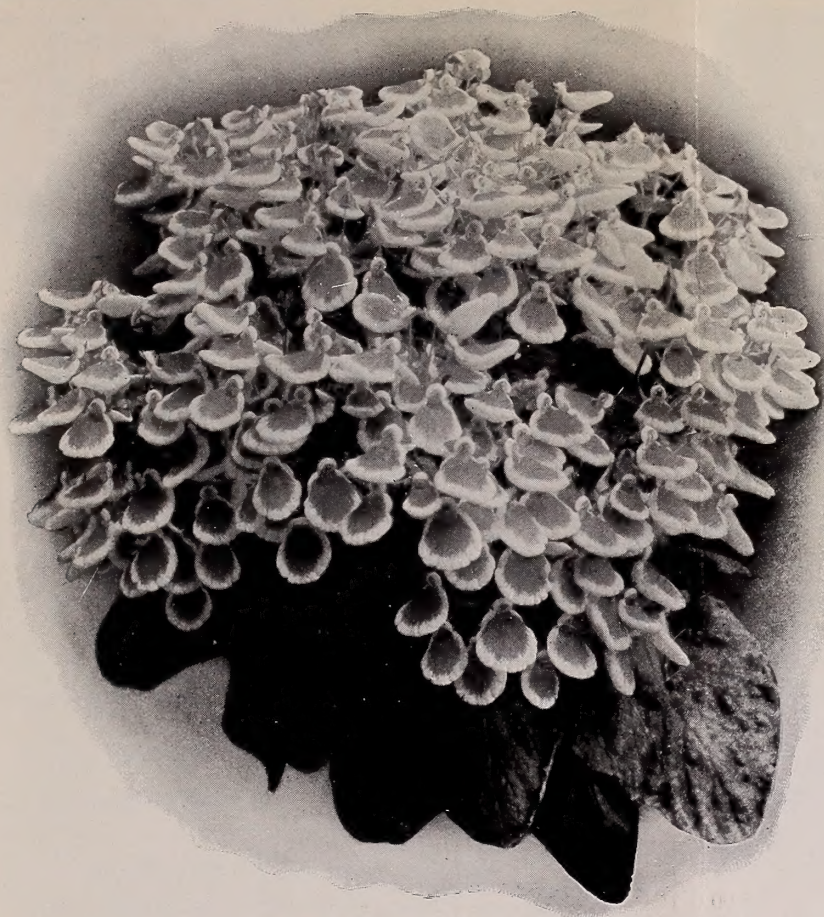
We also offer a booklet containing much valuable information on Cacti, "Cacti in the Home." Price 35c.

	100 Seeds	1000 Seeds
Cereus (Column-cacti), mixed.....	\$0.25	\$2.00
Echinocactus (Hedgehog-cacti), mixed.....	.25	2.00
Echinocereus (Cluster-cacti), mixed.....	.25	2.00
Echinopsis (Tube-flowering hedgehog-cacti), mixed.....	.30	2.40
Mammillaria (Wart-cacti), mixed.....	.40	3.50
Opuntia (Fig-cacti), mixed.....	.25	2.00
Cacti. All kinds and forms, mixed.....	.20	1.60
Collection. 10 sorts, each in illustrated bag with cultural directions..... each, 70c		
Cephalocereus Senilis (Old Man Cactus).....	.60	4.80
Cereus Grandiflorus (Queen of the Night).....	1.00	8.00
Lithops Lesliei (Flowering Stones).....	1.20	10.00

Centaurea Cyanus (Corn Flower)

	Trade	pkt.	Oz.
Double Blue. Extra fine.....	lb., \$4.00	\$0.10	\$0.40
Carmine.....	lb., \$4.00	.10	.40
Pink.....	lb., \$4.00	.10	.40
Pure White.....	lb., \$4.00	.10	.40
Purple (Plum color).....	lb., \$4.00	.10	.40
Mauve.....	lb., \$4.00	.10	.40
Clarkia Elegans fl. pl. Appleblossom.....		.15	.60
Double Chamois.....		.15	.60
Scarlet Queen. Brilliant scarlet.....		.15	.60
Brilliant. Crimson-scarlet.....		.15	.60
Salmon Queen. Salmon.....	lb., \$6.00	.15	.60
Orange King.....		.15	.60
Purple Prince.....		.15	.60
Queen Mary. Rose carmine.....		.15	.60
Vesuvius. Orange, scarlet.....		.15	.60
White Prince.....		.15	.60
Vaughan's Special Mixture.....		.15	.80

Clarkia should have no more soil than is needed to give proper depth in the flat, less than 3 inches. They can also be grown in 2 1/4 inch pots. They require warm conditions. In a cool house they stand still until temperature warms up.



ALBERT KENT HYBRIDS



LIGNOSA BUNCH OF GOLD

Vaughan's Calceolarias

These Make Wonderful Plants for Easter or Mother's Day

Hybrida Grandiflora Mixed. Extra Choice. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. A mixture of two superior English and German strains. Price, trade pkt. (about 1,000 seeds), \$1.00; 1/32 oz., \$3.20; 1/4 oz., \$1.80.

Trade Pkt.

Hybrida Grandiflora Graciosa. A type with very large self colored flowers in many colors, especially in the yellow shades, 15 inches. \$0.75

Hybrida Grand. Nana Tigrina. Tigered and self-colored. Mixed, 10 inches, 1/4 oz., \$2.50 .75

Hybrida Multiflora Nana. Modern fashion often prefers small and richly flowering plants to those with larger blooms. The average size of the blooms is only 1 1/2 inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. The yellow shades, lemon, gold, orange, are adorned with fine brown spots; the brown, orange copper, copper brown, copper scarlet, crimson, scarlet are very striking. Makes an ideal market plant. 1.00

Albert Kent's Hybrids. A very lovely variety for greenhouse culture. The flowers are intermediate in size and produced in large graceful clusters. 1/64 oz. \$5.00 1.00

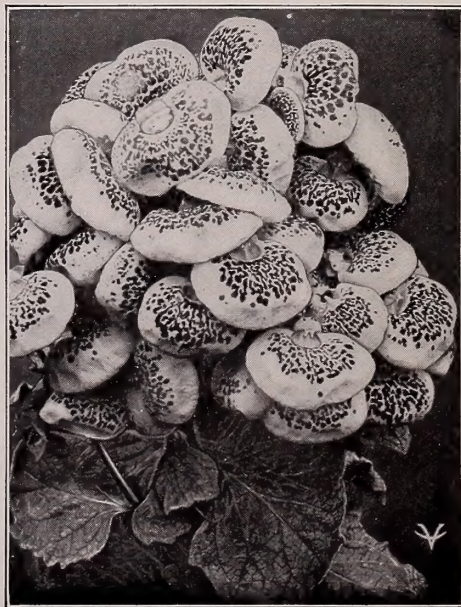
Lignosa Bunch of Gold. A compact plant, 12 in. high, bearing numerous sprays or bunches of small golden yellow flowers and flowering all through the summer. A wonderful pot plant. 1/64 oz. \$5.00 1.00

Profusa Hybrida. A new type, a cross between C. profusa and Hybrida Grandiflora, which bears the same relation to the large flowering Calceolaria as the Star Cineraria to the large flowering Cineraria. The flowers are light and graceful in habit, are very lasting and range from yellow to reddish bronze. 2 to 3 feet. 1/64 oz. \$5.00 1.00

Trade Pkt.

Rugosa Aurea, Golden Rain.....	\$1.00	Rugosa Hybrida, Scarlet.....	\$1.00
Rugosa Hybrida, Orange.....	1.00	Rugosa Hybrida, Crimson.....	1.00
Rugosa Major, mixed, 12 inches.....			1.00

FOR CALCEOLARIAS, use a mixture of loam, leaf-mold and sharp sand. This mixture is suitable both for the seed pans and the pots into which the seedlings, when ready, should be planted. Perfect drainage is important. Calceolaria seed being very fine the seeding should be done with great care and it is suggested that one use a sheet of white paper on which a tablespoon of white sand is distributed. Then shake the seed on top of this sand and mix thoroughly. Then, sprinkle this mixture on the soil of the seed pan, dusting surface with a little fine sand, cover with a sheet of glass and place in the shade. For moisture, immerse the pans in water. As the seedlings come up lift them carefully when quite small and prick them off into a flat allowing two inches square for each plant. It is important that the leaves of one plant should never be allowed to overlap those of another or decay will probably result. When established in pots shift them into the larger size. At the last shift give them some manure water, not too strong, about once a week.



HYBRIDA GRANDIFLORA

The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are much smaller than the Hybrida, are produced in clusters and keep well in water after cutting.



CALENDULA Ball Orange

Calendula

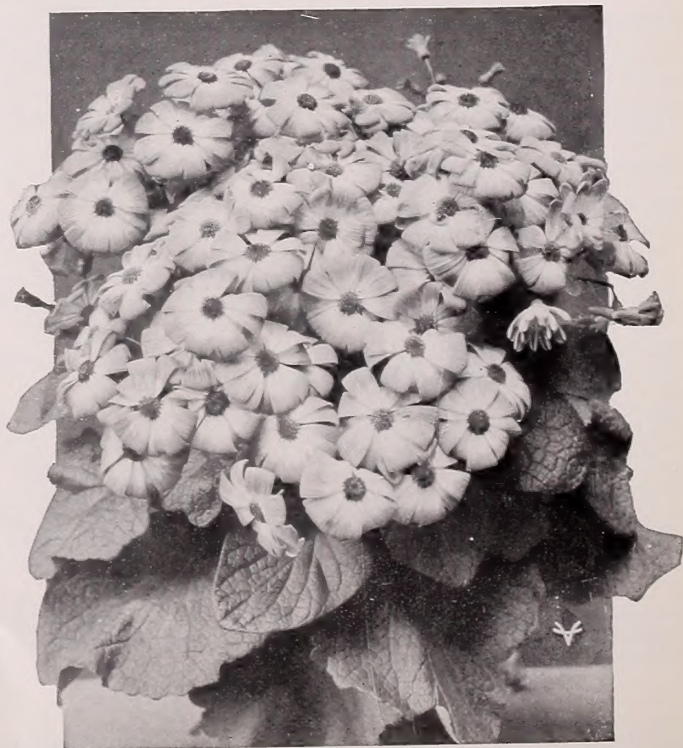
	Trade	pkt.	Oz.
Sensation. Long stems very double brilliant, orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape.....	1/4 oz., \$1.00; 2 oz., \$5.00	\$0.50	\$3.00
Ball Lemon Queen (new) 1/4 oz. \$1.00.....		.50	3.00
Ball Orange. This new orange Calendula represents a very great improvement in size, length of stem, and fullness of flowers, specially recommended for growing under glass.....	1 lb., \$30.00; 1/4 oz., \$1.00	.50	3.00
Ball Supreme. Light orange with brown eye.....	1/4 oz. \$1.00; 2 oz., \$5.00	.50	3.00
Ball Gold. Has the same long stem and extra large, uniformly double flowers that are so well known in our Ball Orange.....	1 lb. \$30.00; 1/4 oz., \$1.00;	.50	3.00
Ball White. Creamy white color with dark center.....	1/4 oz., \$1.00	.50	3.00
Radio. An English introduction. The flowers are medium size, good depth and clear orange in color. The petals are beautifully quilled which has an extraordinary effect on the appearance of the flower.....	2 oz., \$1.80	.25	1.00
Orange King. Dark center. Select stock. The outer petals are slightly imbricated, while those of the center are curved like those of the peony. Color rich dark orange.....	1 lb., \$6.00	.20	.75
Apricot. Creamy yellow, flushed apricot.....		.15	.60
Sulphurea Plena. Select double sulphur-yellow. 1 lb., \$5.00		.15	.50

Cineraria Hybrida

	Trade	pkt.
Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/4 oz., \$2.25; 1/2 oz., \$4.00; 1/6 oz., \$7.00;	about 1000 seeds	\$1.00
Howard and Smith's Strain. A very fine selection from a California specialist. Seed from the originator.....	1/2 oz., \$3.50	1.00
Covent Garden Strain. The flowers of this new strain are much smaller than those of our Columbian Mixture, but the plants produce a large head of bloom when grown in small pots. There are many beautiful shades of color... 1,000 seeds		1.00

CINERARIA Hybrida—Continued	Trade	pkt.	Oz.
Large-Flowering Crimson.....	500 seeds	\$0.50	
Azure Blue.....	500 seeds	.50	
Dark Blue.....	500 seeds	.50	
Old Rose. Pink to rich coppery red.....	500 seeds	.50	
Matador. Deep copper scarlet.....	500 seeds	.50	
James' Giant. A well-known English strain.	1/32 oz., \$2.20; 1,000 seeds	1.00	
Grandiflora, Semi-Dwarf. Mixed.	1/32 oz., \$2.00; 1000 seeds	.50	
Gigantea. Dark red, with white eye. 1/64 oz., \$2.00;	700 seeds	1.00	
Dark blue with white eye. 1/64 oz., \$2.00; 700 seeds		1.00	
Plenissima. Double mixed.....	1/32 oz., \$3.00	1.00	
Potsdam Strain. An improvement on the Multiflora Nana Strain.	1-32 oz., \$2.80; 1/64 oz., \$1.60	1.00	
Multiflora Nana Maxima. Mixed. New. A hybrid between Multiflora Nana and Grandiflora Maxima. The single plant measured above the pot 12 to 16 inches high. The foliage is in rosettes, similar to the Multiflora Nana, only the single leaves are far larger and more imposing. The inflorescence has a diameter of 12 to 14 inches and consists of 80 to 100 single blooms, of which each one is 2 to 3 inches in diameter. 1/64 oz. \$3.50; 1/32 oz., \$6.00; about 1000 seeds.....		1.00	
Hybrida Multiflora Nana. Produces dwarf plants with masses of small flowers, measuring about 3/4 in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored.			
Azure Blue	Dark Rose	Pink	
Dark Blue	Lilac	Dark Red	
Each of the above.....		1.00	
Multiflora Nana. Mixed, all colors, 1/32 oz., \$2.00		1.00	

Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties, for cutting and decorative purposes. Plants grow 3 ft. high. 1/16 oz., \$1.00	.50
Feltham Beauty. Somewhat dwarfer than above, but with larger flowers and broader petals; nearly all have white centers.	1-32 oz., \$2.00; 1000 seeds
Stellata Blue.....	1/64 oz., \$1.50
Polyantha Salmon Pink, a fine new shade.	1.00



TYPE OF VAUGHAN'S COLUMBIAN CINERARIA



CYCLAMEN PERSICUM GIGANTEUM GERMAN STRAIN

Cyclamen

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate.

Persicum Giganteum—German Strain

	100 Seeds	1,000 Seeds
Dark Blood Red.....	\$1.00	\$ 9.00
Bright Red.....	1.00	9.00
Pure Rose.....	1.00	9.00
Soft Rose with carmine eye (Impr. Rose of Marien- thal).....	1.00	9.00
White with carmine eye.....	1.00	9.00
Pure White.....	1.00	9.00
Bonfire. Brilliant salmon.....	1.50	12.00
Salmon Scarlet (America Improved).....	1.65	14.00
New Salmon Rose Improved.....	1.50	12.00
Salmon Color Dark (Glory of Wandsbek or Perle of Zehlendorf).....	1.40	11.00
Salmon Color Light (Rose of Zehlendorf).....	1.40	11.00
Orange Beauty, orange vermillion, new.....	1.90	16.00
Rococo Erecta, Mixed.....	1.50	12.00
Saffron, Red.....	1.50	12.00
Saffron Red, silver edged.....	1.60	13.00
Mozart, deep pink.....	1.90	16.00
Lavender.....	1.20	10.00
We can supply Binnewies stock of the above varie- ties if desired.		
German Type mixed.....	1.20	10.00

Giant English Grown

Cherry Ripe. Nearly scarlet. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
Mrs. L. M. Graves. The color is an intense and brilliant salmon-
scarlet. 100 seeds, \$1.40; 1,000 seeds, \$12.00.
Crimson Saint George. Foliage is beautifully margined and orna-
mented with bright silver. Flower vivid crimson. 100 seeds,
\$1.40; 1,000 seeds, \$12.00.
Duke of Fife. Dark rose. 100 seeds, \$1.40; 1,000 seeds, \$12.00.

Prices—any of the following—100 seeds, \$1.20; 1,000 seeds, \$10.00
Brilliant Giganteum. Very robust grower. Fiery crimson flowers.
Queen Mary. Salmon with claret base.
Rosy Morn. Delicate rose color, claret base.
Grandiflorum Album. The largest giant white.
Excelsior. White with red base. Extra large flowers.
Princess of Wales. Deep pink.
Salmon King. Salmon.
Saint George. Foliage is beautifully margined with bright silver,
not unlike the Begonia Rex, and the flowers are a rich salmon color.
English Varieties, Mixed. From separate sorts. 100 seeds, \$1.20;
1,000 seeds, \$10.00.

Dracaena (Cordylone)

	Trade pkt.	Oz.
Indivisa. Narrow green-leaved.....lb., \$4.80	\$0.10	\$0.40
Lineata Latifolia.....	.15	.80
Australis.....lb., \$8.00	.15	.80



CANDYTUFT Giant Hyacinth Flowered

Candytuft

	Trade pkt.	Oz.
Giant Hyacinth-Flowered. Extra Selected, large pure white flowers.....lb., \$8.00	\$0.20	\$0.80
Umbellata. Lilacina. Lilac. Select.....lb., \$3.60	.15	.40
Carminea. Carmine.....lb., \$3.40	.15	.40
Flesh.....lb., \$3.40	.15	.40
Purpurea. Crimson.....lb., \$3.20	.15	.40
Rose Pink (Rose Cardinal).....lb., \$4.00	.15	.50
White.....lb., \$3.20	.15	.40

Exacum Affine. Very dwarf, fragrant, light blue
flowers, excellent pot plant,.... 1/4 oz., \$1.60; 1,000 seeds \$1.00

Godetia, Gladiolus Flowered, Double Carmine, Double Rose
Double Rosy Morn (Deep rose), Double Mauve and Double
Mixed. Each, 1/4 oz., 60c; trade pkt., 25c.

Gesneria Robusta Perfecta Hybrids. A fine pot Trade pkt. Oz.
plant. It belongs to same class as the Gloxinias
and needs same culture in greenhouse..... \$1.00

Grevillea Robusta. Silk Oak. Good for fern dishes.
.....lb., \$10.00 .20 \$0.80

Gypsophila Elegans. Crimson. New...lb., \$2.40 .10 .25
Grandiflora Alba. 1/4 lb., 50c; 5 lbs., \$6.40; lb., \$1.60 .20
Carminea. Carmine, better than Rosea lb., \$2.40 .10 .20

Leptosyne Maritima. Yellow with golden center, 2 ft.. .15 .80
Stillmani. Golden yellow, 18 in..... .15 .80
These will bloom in six weeks after sowing.

Leucocoryne Ixioides Odorata (Glory of the Sun)

Heads of large, fragrant flowers, blue with white
center, carried gracefully on a wiry 18 in. stem.
Culture the same as for Freesias. It is a tender
perennial, flowers the second year from bulbs
produced the preceding year. Bulbs of this variety
can only be imported under Special Permit from the
Federal Horticultural Board. This is an outstanding
Novelty and florists should secure seed this year to
have flowers early next year. 100 seeds, \$1.20; 1000
seeds, \$10.00.....



GLOXINIA Type of Vaughan's Columbian Mixture

Gloxinia Hybrida

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), \$1.00; $\frac{1}{32}$ oz., \$2.50.

	Trade pkt.	Oz.
Spotted and stained, choice, mixed	$\frac{1}{32}$ oz., \$2.25	\$1.00
Emperor Frederick. Scarlet, white margin	$\frac{1}{32}$ oz., \$2.50	1.00
Emperor William. Dark blue, bordered white	$\frac{1}{32}$ oz., \$2.40	1.00
Othello. Purple	$\frac{1}{32}$ oz., \$3.00	1.00
Scarlet Queen. Deep scarlet	$\frac{1}{32}$ oz., \$5.00	1.00
Snow Queen	$\frac{1}{32}$ oz., \$2.50	1.00
Waterloo. Black red, passing to deep carmine	$\frac{1}{32}$ oz., \$2.80	1.00
Regina Sinningia Imperialis	$\frac{1}{32}$ oz., \$2.40	1.00
Gigantea Mixed	$\frac{1}{32}$ oz., \$2.40	1.00

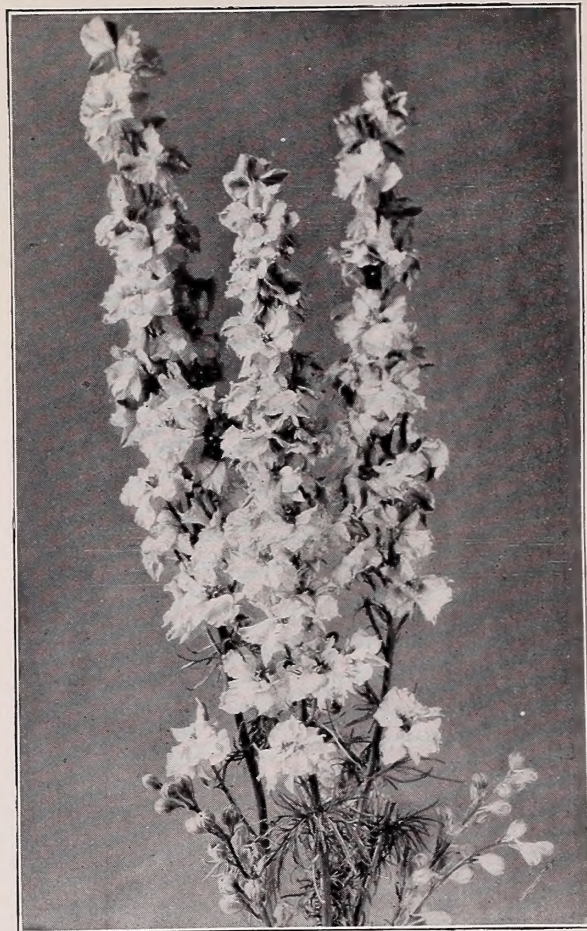
Annual Lupins

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

	Trade pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue, 24 in.	lb., \$3.00	\$0.10 \$0.30
Light Blue. Cambridge-Blue	lb., 3.00	.10 .30
Roseus	lb., 3.20	.10 .30
Albus	lb., 3.00	.10 .30
Luteus Romulus. Yellow, large, 12 in.	lb., 4.40	.15 .40
Sulphureus Superbus. Annual Yellow. Takes well on the Chicago market, 28 in.	lb., \$4.80	.15 .50

Mignonette

The Ball. The flower spikes are especially heavy and lighter in color than other varieties.	$\frac{1}{2}$ oz., \$3.20;	
	$\frac{1}{4}$ oz., \$1.80	1.00 6.00
True Machet, Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with thick, stout flower stalks.	$\frac{1}{4}$ oz., 20c	.15 .60
Giant Rocket		.15 .80
New York Market. This is an extra choice strain of Mignonette for greenhouse culture. The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. Greenhouse grown seed.	$\frac{1}{4}$ oz., \$2.50	1 00 8.00



ANNUAL LARKSPUR Stock Flowered

Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. The ease of culture, short time of production and low initial cost of stock make this one of the best catch crops a florist can plant.

	Trade Pkt.	Oz.
Giant Imperial. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:		
Blue Spire. Dark Blue	lb., \$14.00	\$0.25 \$1.20
Carmine King. Rich carmine on salmon	lb., 14.00	.25 1.20
Gloria. Rich tone of deep rose	lb., 18.00	.25 1.60
Lilac Spire. Beautiful lilac color	lb., 14.00	.25 1.20
Miss California, deep pink on salmon	lb., 14.00	.25 1.20
Peachblossom	lb., 18.00	.25 1.60
White Spire. Pure white flowers	lb., 14.00	.25 1.20
Exquisite Pink Improved. Salmon-pink	lb., 10.00	.25 .80
Exquisite Rose	lb., 10.00	.25 .80
Stock-Flowered, Newport Pink, 45 in.	lb., 5.00	.15 .50
White	lb., 5.00	.15 .50
Bright Rose	lb., 5.00	.15 .50
Dark Blue	lb., 5.00	.15 .50
Delicate Lavender	lb., 5.00	.15 .50
Empress Rose. Hermosa pink	lb., 6.00	.25 .60
Flesh	lb., 5.00	.15 .50
Lilac	lb., 5.00	.15 .50
La France. Salmon pink	lb., 6.40	.15 .65
Los Angeles. Salmony scarlet	lb., 12.00	.25 1.00
Rosy Scarlet	lb., 5.00	.15 .50
Sky-Blue (Ageratum)	lb., 5.00	.15 .50
Mixed	lb., 3.20	.10 .30
Improved Giant Hyacinth-Flowered, 45 in.		
Dark Blue, Pink, White, Purple, Lilac, Mixed.	Each of the above	lb., 8.00 .25 .80
Emperor. Pink Delight, same shade as Stock-Flowered Exquisite	lb., 8.00	.25 1.00
The Empress. Salmon pink	lb., 8.00	.25 .80

Primula—Chinese Giant

Trade pkt. of any of the following, 250 seeds, each, 50c.

Chiswick Red Improved. Red.

Covent Garden White.

Giant Pink. Extremely large petals of great substance.

Giant Salmon. Massive heads of flowers of great substance.

Queen Mary. Rose-pink.

True Blue.

Vaughan's International Mixture. This mixture is composed of the most salable colors of single-flowering Chinese Primulas, the best whites, pinks and reds, with a sprinkling of other colors, enough to give a large variety of colors, the most important shades predominating. Trade pkt. of 250 seeds, 50c; 1/16 oz., \$4.00.

Primula Obconica

		Trade pkt. Oz.
Gigantea Rosea. Fine...	1/32 oz., \$2.60 1/64 oz., \$1.40	\$0.50
Salmon Queen. 8 in.....	1/64 oz., \$1.80	1.00
Mixed.....	1/32 oz., \$2.00	.50
Grandiflora Coerulea. 12 in.....	1/64 oz., \$1.60	.50
Fassbender Red. Flowers rich deep red of enormous size.....	1/64 oz., \$1.65; 1/32 oz., \$2.40	1.00
Lachsrosa. A beautiful salmon-rose.....	1/64 oz., \$2.00	1.00
Mueller's (Berlin) Rose.....	1/64 oz., \$1.65	1.00
Mohnstein's Dark Red.....	1/64 oz., \$1.80	1.00
Rhine Pearl. Dark salmon-carmine. Flower very large—very free blooming.....	1/64 oz., \$1.80	1.00
Rose Queen. Pure rose, giant trusses of large flowers.....	1/64 oz., \$1.80	1.00
Ruby. A very free bloomer, flowers up to 1 1/2 in. in diameter, of a rich ruby red with a salmon undertone. Flowers do not turn blue when old.....	1/64 oz., \$2.00	1.00
Mixed.....	1/32 oz., \$1.20	.50

Primula—Various Sorts

Malacoides (Baby Primrose). Light lilac. Very graceful; fine summer and winter-blooming plant, blooming within four months. 15 in.....	1/8 oz., \$1.00	.50
Double Mauve Rose.....	1/32 oz., \$1.65; 1,000 seeds,	1.00
Courtland Seedling. Clear lilac pink, very brilliant.....	1/32 oz., \$2.00; 1,000 seeds	1.00
Princess Mary. Deep rose pink.....	1,000 seeds	1.00
Rosalind. Rich rose.....	1,000 Seeds	1.00
Rosea Superba. Beautiful pink.....	1/16 oz., \$1.00	.50
Erikssonii. A selection made by a local florist.....		2.00
Forbesi (Baby Primrose). Rosy lilac. Very free-blooming. Splendid pot plant. Seedlings bloom after three months. 12 in.....	1/16 oz., \$1.00	.50
Ruby.....	1,000 seeds, \$1.00	....
Kewensis. Yellow. Decorative, winter-flowering greenhouse plant. 12 in.....	1/32 oz., \$1.00	.50

For other Primulas, see Perennial Pages.



PRIMULA Malacoides Courtland Seedling

Saintpaulia Ionantha. Charming deep blue flower-Trade pkt. Oz.
ing pot plant which blossoms in uninterrupted suc-
cession \$1.00

Saponaria. Vaccaria Rose. Incorrectly spoken of as
Pink Gypsophila. The light graceful sprays of
glistening flowers produced in greatest profu-
sion.....lb., \$2.00 .10 \$0.20
Vaccaria Alba. White.....lb., \$2.00 .10 .30

Schizanthus. Vaughan's Excelsior Hybrids. An extra
select strain with large flowers containing a perfect
blend of colors for greenhouse culture. 1/4 oz., \$1.60 1.00

Statice Suworowii. Russian. Also known as "Rat
Tail." Flowers bright rose color. Sow inside for
winter blooming.....lb., \$8.00 .25 .80

Stevia Serrata. White, fine cut-flower... 1/4 oz., 40c .25 1.40

Streptocarpus (Cape Primrose). Large flowering hy-
brids. Fine greenhouse and decorative subjects, pro-
ducing a continuous succession of trumpet-shaped
flowers, and embracing a wide range of color. They
are easily grown.....1/64 oz., \$2.00 1.00

For complete list of perennial seeds, see pages 11 to 22. For
perennial seeds especially adapted for rock garden culture, see
pages 22 and 23.

"Popular Hardy Perennials" by T. W. Sanders, F. L. S.
400 pages illustrated. \$3.15 per copy postpaid.

We consider this the best book on perennials and recommend
it to those who wish more information on this class of plants
than what can be given in a catalog.



STREPTOCARPUS Large-Flowering Hybrids

Vaughan's Giant Pansies



VAUGHAN'S IMPROVED SWISS GIANT

VAUGHAN'S IMPROVED SWISS GIANT

THE FLOWERS of this modern improved strain are a revelation to all who have known the pansy of a few years ago. Enormous in size, measuring over three inches in diameter, on strong stalks well above the luxuriant foliage. The thick petals of a rich velvety texture gives this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, pinks, rich reds and blues, are their distinctive feature. All the flowers are three or five blotched. In formation the flowers are perfectly round with overlapping petals.

At a recent flower show in San Francisco the two beds of Swiss Pansies won first prize and bronze medal.

Excellent for greenhouse culture, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.80, oz. \$6.00, lb. \$60.00.

Vaughan's Super-Swiss Giants. The Swiss Giants as originally introduced by us were mostly 3-blotched. Our grower by painstaking selection has succeeded in fixing a strain that comes 90% 5-blotched and in all the brilliant and unique colors and color combinations of the Swiss Giants having their enormous size of wavy and crinkly flowers. We recommend this strain as distinct and very desirable. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$1.70; $\frac{1}{4}$ oz., \$3.00; 1 oz., \$10.00.

Swiss Alpenglow. The color is of a rich velvety garnet, varies. Trade pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00.

Swiss Blue (Ullswater. Thuner Sea.) The most distinct rich deep velvety blue pansy. Ideal for cemetery planting. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{8}$ oz., \$1.00; oz., \$6.00.

Swiss Yellow. Of the true Swiss type. Rich yellow with blotches on the three lower petals. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; oz., \$6.00.

Swiss Yellow Shades. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; oz., \$6.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

The Four Inch Pansy

A distinct variety which we have only been able to offer privately before. The colors include a wide range of bright colored varieties on plants of compact habit with large attractive foliage. The majority of the flowers will average 4 inches across. Florists who received the limited stock of seed last year found it the best selling pansy they had, disposing of the plants at ten cents each without difficulty. Trade pkt., \$2.00; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.50; oz., \$16.00.

One of our customers wrote in April "Your Maple Leaf Strain are simply untouchable by anything we have grown as to size, plant habit and unusual color combinations. I will want at least 6 ozs. of this strain."

VAUGHAN'S INTERNATIONAL MIXTURE

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Mammoth Exhibition, Non Plus Ultra, Giant Cassier—all 3 and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; oz., \$6.00; 1 lb., \$70.00.

VAUGHAN'S GIANT MIXTURE

Besides a good share of the "Fancy" strains such as Masterpiece, Bugnot, Cassier, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type and of good shape and texture. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.00; lb., \$50.00.

VARIOUS MIXTURES

Boulogne Giant Mixture. The flowers are large size, great substance. Trade pkt., \$1.00; $\frac{1}{4}$ oz., \$6.50; $\frac{1}{8}$ oz., \$3.50.

Donovan's Strain. Used by Michigan growers. Trade pkt., 75c; $\frac{1}{4}$ oz., \$2.25; oz., \$8.00; lb., \$100.00.

Early Flowering Giants, Yellow, Dark Blue, Light Blue, White or Black. Each, Trade pkt., 25c; $\frac{1}{4}$ oz. 40c; oz. \$1.40.

Early-Flowering Giant, Mixed. Trade pkt., 25c; $\frac{1}{4}$ oz., 35c; oz., \$1.00.

These come into bloom 4 to 5 weeks before other varieties planted at same time.

Mammoth Exhibition. Sturdy grower, has short habit and large leaves. The flowers are round, solid, of gigantic size and most beautiful color combinations. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.40; oz., \$5.00.

Mastodon. A mixture of pansies grown by an American specialist. The seed we offer was grown from originator's stock. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.40; oz., \$5.00; 4 ozs., \$18.00.

Miracle Mixture. Grown from introducer's stock seed. Trade pkt., 50c; $\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.75; oz., \$6.00; 4 oz., \$22.00.

Roggli Giant Mixture. A choice mixture of large-flowering pansies, very freely produced and in a great variety of colors. Trade pkt., 75c; oz., \$4.80; lb., \$44.00.

Trimardeau Mixed, many colors. Trade pkt., 15c; $\frac{1}{4}$ oz. 30c; oz. \$1.00; lb. \$10.00.

Triumph of the Giants. A mixture of brilliant colored varieties made by a European grower. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.20; oz., \$4.00.

Vaughan's Perfection. Flowers extra large, well shaped, beautiful coloring. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.60; oz., \$18.00.



VAUGHAN'S MAPLE-LEAF GIANT

Giant Pansies

	Trade Pkt.	¼ oz.	Oz.
Adonis, light blue white center.....	\$0.25	\$0.45	\$1.40
Apricot, dark eye, small-flowering, for rock gardens.....	.35	.85	3.00
Apollo, bronze.....	.35	.60	2.00
Beaconsfield, deep purple, upper petals white.....	.25	.45	1.40
Black, large, true black.....	.25	.45	1.40
Bugnot, shades of red, bronze and cardinal.....	.35	.80	3.00
Cardinal, brilliant red.....	.25	.50	1.80
Emperor William, dark navy-blue.....	.25	.40	1.20
Goliath Golden Queen (Golden State).....	.35	.60	2.00
Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades.....	.35	.70	2.40
Canary—Yellow, yellow black eye.....	.35	.60	2.00
Dark Blood Red.....	.35	.60	2.00
Madame Perret, shades of pink and rose.....	.25	.45	1.40
Pink, lovely shades of pink, same as Hydrangea.....	.25	.50	1.60
President McKinley, five-blotched yellow.....	.25	.60	2.00
Prince Henry, darkest blue.....	.25	.40	1.20
Purple, very large, rich deep purple.....	.25	.40	1.20
St. Knud, giant orange flowers.....	.25	.70	2.40
Trimardeau, mixed, many colors, lb., \$10.00.....	.15	.30	1.00
Terra Cotta, small flowering, for rock gardens.....	.25	.50	1.60
White, with dark eye, very large.....	.25	.50	1.40
White, pure without blotches.....	.25	.50	1.40
Yellow, with dark eye.....lb., \$16.00.....	.25	.50	1.40

Stocks

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting. The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers.

Appleblossom. (Used by many for white).

Chamois	Flesh	Gold Ball	Lilac	White
Dark Blue	Fiery Blood-Red	Lavender	Rose	

	Trade pkt.	Oz.
Each of the above.....	1/8 oz., 50c	\$0.35 \$3.00
Giant Bismarck. Mixed, all colors.....	1/4 oz., 60c	.35 2.20
Antique Copper.....	1/8 oz., 75c	.50 4.00
Golden Rose.....	1/8 oz., 75c	.50 4.00
Elk's Pride. Royal purple.....	1/8 oz., 75c	.50 4.00
Old Rose.....	1/8 oz., 75c	.50 4.00

GIANT PERFECTION—Cut and Come Again 2½ ft.

Canary	Sky Blue (May Queen)
La France (Flesh)	Rose
Sapphire (Dark Blue)	White (Improved Snowdrift)
Scarlet	Empress Augusta Victoria, silvery lilac.

	Trade pkt.	Oz.
Heatham Beauty. Rose shaded terra cotta.....	1/8 oz., 35c	\$0.25 \$2.20
Giant Perfection. Mixed, all colors.....	1/4 oz., 50c	.25 1.80

EXCELSIOR COLUMN

These produce one enormous spike with large flowers, 2 to 2½ ft. high and can be planted close together in the bench which makes them a profitable type. Are in season with Bismarck variety.

White	Chamois Rose	Rose
Light Blue	Dark Blue	Crimson
Silvery Lilac (Lilac Lavender)		

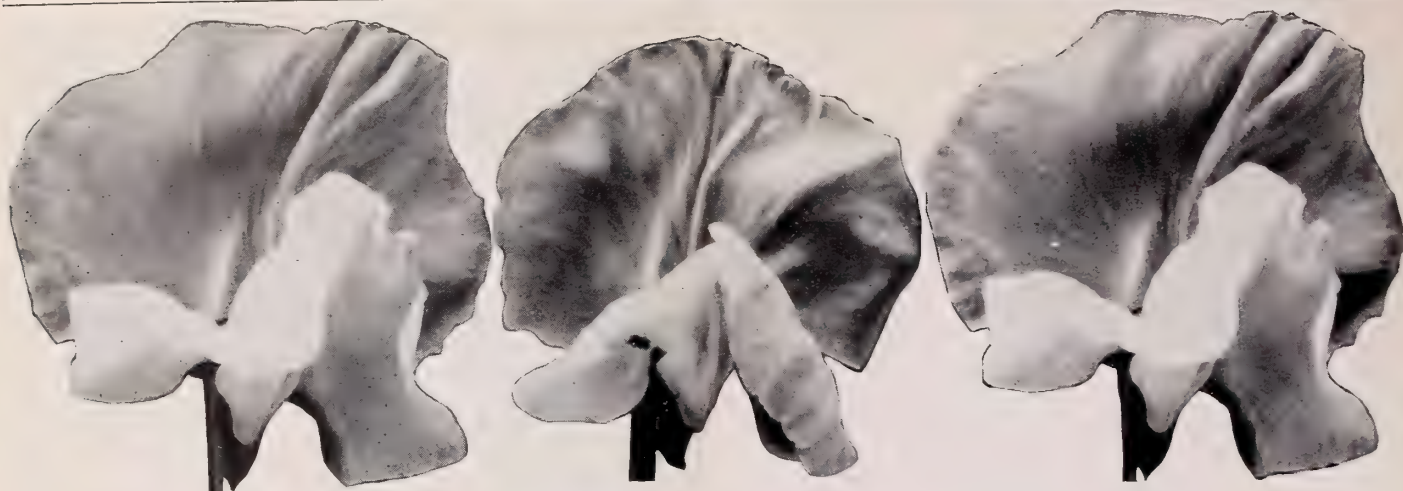
Each of above.....	1000 seeds, \$1.00; 1/8 oz., \$1.50;	Oz.
.....	1/4 oz., \$2.50; 1/2 oz., \$4.50	..... \$8.00

BEAUTY OF NICE—Early, Large-Flowering, Winter 2 to 2½ ft.

American Beauty	Monte Carlo. Yellow
Abundance. Soft carmine-rose	Mont Blanc. White
Aurora. Golden buff suffused with rose	Pink, Flesh
Belle of Naples. Old rose-salmon	Souv. de Monaco. Crimson
Cote d'Azur. Light blue	Summer Night. Dark blue
Each of the above.....	Trade pkt. Oz.
.....	1/8 oz., 35c \$0.25 \$2.40
Beauty of Nice, mixed.....	1/4 oz., 50c .25 1.80



STOCKS Bismarck (Early Giant Imperial)
The Best Cut-Flower Variety



Sweet Peas Early Flowering— Spencer Varieties

4 ounces and upward of one variety supplied at pound rate. Less than 4 ounces of one variety at ounce rate.

	Oz.	Lb.
All-White. An early King White.....	\$0.40	\$4.40
Alameda. Deep rose-pink, overlaid with glowing salmon cerise-pink on white ground.....	.40	4.40
Amethyst. An early-flowering "Royal Purple".....	.40	4.40
Asta Ohn. Lavender.....	.40	4.40
Aviator. Scarlet.....	.40	4.40
Ball's Rose. A bright dark rose with amber flush....	.40	4.80
Ball's Blue. Clear blue, good bloomer.....	.40	4.80
Ball's Orange. Clear deep orange.....	.60	6.40
Ball's Rose Queen. Best long-stemmed rose.....	.45	5.00
Blue Bird. A magnificent violet-blue.....	.40	4.00
Blue Bonnet. Extra large, fine deep blue.....	.50	6.00
Blue Boy. Largest and clearest blue.....	.40	4.80
Blue Wonder. Clear blue.....	.40	4.40
Bright Light. Flaming scarlet.....	.40	4.80
Burpee's Lavender. A large flower, color a lovely light Wisteria lavender; strong grower.....	.40	4.80
Burpee's Orange. Glistening orange.....	.40	4.80
Charm. Glowing rose-pink.....	.40	4.40
Chevalier. Magnificent cerise-rose.....	.40	4.80
Columbia. The best pink and white.....	.40	4.40
Cream. It has immense blossoms, very frilled.....	.40	4.40
Edward Zvolanek. Large lavender.....	.40	4.00
Eldorado. Pure orange-salmon.....	.50	5.00
Enchantress. Bright rose-pink.....	.40	4.80
Fair Maid. A blush-pink, suffused salmon.....	.40	4.40

	Oz.	Lb.
Giant Rose. Improved Zvolanek's Rose.....	\$0.40	\$4.80
Glitters. Bright fiery orange, wings deep orange ...	.40	4.40
Grenadier. A glowing poppy-scarlet.....	.50	5.50
Harmony. Lavender.....	.40	4.80
Hercules. Pink, extra large flower.....	.40	4.40
Illumination. Salmon-cerise.....	.40	4.40
Imperial Pink. Clear pink, enormous size.....	.50	5.00
Jeanne Mamitsch. Striking pink, shading off to deepest pink.....	.50	5.00
Lavender King. Lavender.....	.40	4.20
Madonna. Black-seeded white.....	.50	5.00
Miss Louise Gude. Brilliant pink.....	.40	4.40
Miss Spokane. Peach-red. Wings bright scarlet....	.40	4.40
Morse's Superior Pink. Rose-pink, shaded salmon	.50	5.00
Mrs. Chas. A. Zvolanek. Clear lavender.....	.40	4.40
Mrs. Kerr. Salmon.....	.50	5.00
Rose Queen. Rose-pink.....	.40	4.00
Spring Song. Salmon-pink on cream.....	.50	5.00
Snowstorm Improved. White, of great substance.	.45	4.80
Sweet Lavender. A pure lavender self.....	.50	5.00
Vulcan. Vivid scarlet; never burns.....	.50	5.00
Yarrowa. Rose, changing to light pink.....	.40	4.00
Zvolanek's Blue Sensation. Clear blue.....	.40	4.40
Zvolanek's Rose. A giant rose-pink; sow for spring blooming to follow the mums.....	.40	4.40
Zvolanek's Orange.....	.50	5.00
Early-Flowering Spencer, Vaughan's Special Mixture.....	.50	5.00

Early Flowering—Spencer Novelties

We especially recommend these for trial for comparison with older varieties.

	Oz.	Lb.
Annie Laurie. Richest tone of pure rose pink.....	\$1.50	\$20.00
American Beauty. Strong, heavy growth, good thick, long stems, a rich crimson rose on white ground. One grower who had a sample says "Every visitor we had come to the greenhouses and who saw it thought it the finest Sweet Pea he had ever seen.".....	1.50	20.00
Apollo. A soft salmon pink self. Flowers large.....	.60	6.40
Christmas Red or Red Cross.....	.50	6.00
Fandango (Duplex). Bright rose, large magnificently frilled, long stemmed.....	.50	6.00
Fascination. Rose pink, long stems, strong grower.	.65	8.00
Forty-Niner. Deep yet bright true orange shade	.50	6.00
Greeting. Clear lavender, new, fine commercial early sort.....	.65	8.00
Hope. A mammoth flowered black seeded pure white.	.50	6.00
Laddie. An enormous rose-pink on white ground.	.50	6.00
Majestic Rose. Immense deep brilliant rose-pink flowers on long stems.....	.50	6.00
Marine. New clear blue.....	.50	5.00
Mrs. Calvin Coolidge. Salmony pink.....	.50	5.00
Mrs. Herbert Hoover. "The California Blue." Vigorous growth, great length of stem, uniform blue..	.50	5.00
Mrs. Holscher. Rosepink.....	.45	4.80

	Oz.	Lb.
New Blue. Deep blue.....	\$0.50	\$5.00
Orange King. Glowing orange; practically sun-proof	.60	6.00
Pal. Rich rose crimson. Flowers large, long stems, free blooming.....	.60	6.00
Peaches. Bright apricot rose with touch of lemon in the keel.....	.60	6.00
Pioneer (Duplex). Rose-pink.....	.50	6.00
Pride. Pure cerise, deeper than Sunray, large flowers on long stems.....	.65	8.00
Satin Rose. Rose and amber with touch of salmon, long stems.....	.80	10.00
Snow-White. Pure white. Best for July and August sowings.....	.50	5.00
Sparkle. Bright, clear vivid scarlet, sunproof.....	.60	6.00
Sunray. Brilliant glowing yet soft cerise on cream ground with a suspicion of orange.....	.40	4.40
Valencia. Color bright orange, sun-proof, softer tone than Orange King but with immense vigor in growth, length of stem and size of blooms.....	.60	6.00
Vogue. An improved Early Harmony, Standard lilac lavender, flushed rosy lavender and wings clear lilac lavender. Delicious fragrance.....	.60	6.00
White Harmony. A standard black-seeded white	.60	6.00
Zvolanek's White Rose. Best white for late planting	.50	5.00

Sow perennial seeds early so you may winter over larger plants.



AQUILEGIA Dobbie's Imperial Hybrids



ACHILLEA, The Pearl



ANCHUSA ITALICA, Dropmore Variety

Seeds of Biennials and Hardy Perennials

Perennials form a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals, quite a few may be forced, others make fine pot plants and many furnish splendid cutting material. The rock

garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

	Trade pkt.	Oz.
Acaena Glauca. X Silvery blue foliage, for carpeting and rock steps, 2 in.	1/8 oz., 40c	\$0.25
Microphylla X Brownish foliage 9 in.	1/8 oz., 40c	.25
Acanthus Latifolius (Bear's Breech), 3 ft.	1 lb., \$4.00	.10
Mollis. Fine foliaged decorative plants, 3 ft., lb., 4.00		.10 .40
Achillea Ageratum. X Yellow, scented, 24 in. ....	.25	1.20
Filipendula, Parker's Var. Yellow, 4 to 5 ft. ....	.35	2.00
Millefolium Kelwayi. Magenta red, 40 in. 1/8 oz., \$0.40	.25	
Ruber, Magenta red, 24 in. ....	.25	1.20
Parmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in.	1/4 oz., 90c	.50 3.00
Perry's White.	1/4 oz., \$1.25	.50
Tomentosa Aurea. X Ferny green mats, golden umbels 6 in.	1/4 oz., 90c	.35
Aconitum Fischeri. Large pale blue flowers, 30 in.		
Napellus, Monk's Hood. Dark blue, 36 in. ....	.35	1.40
Wilsoni. Rich blue, 6 to 7 ft. ....	.50	3.20
Adlumia Cirrhosa, Allegheny Vine. Hardy climber..	.25	1.60
Adonis Vernalis. Golden yellow, 12 in. ....	.35	2.00
Aethionema Grandiflorum 18 in. Slender waving branches wavy gray leaves, beautiful pink flowers surround the stem. June. 100 seeds 50c		
Agathea Coelestis (Amelloides) (Blue Daisy). Blue, floriferous, 40 in.	1/4 oz., 40c	.25 1.20
Agrostemma Coronaria Atrosanguinea. Deep blood-red, 28 in. ....	.10	.30
Coronaria, Mixed .....	.10	.25
Flos Jovis. Carmine-rose, 16 in. ....	.10	.30
Hybrida Walkeri. Brilliant rosy purple, 16 in. ....	.10	.30
Allium Pulchellum. X Brilliant loose clusters of lilac-red flowers, August, 16 in. ....	.50	3.00
Allwoodii , see Dianthus.		
Alstroemeria Aurantiaca. Orange, streaked with red, 3 to 4 ft. ....	.35	3.20
Pulchella. Brilliant yellow with red streaks, 3 ft. ....	.35	3.20
Alyssum X Argenteum. Yellow-flowered, 24 in. ....	.25	1.20
Rostratum, yellow, 16 in.	1/4 oz., 50c	.25 1.40
Saxatile compactum (Gold Dust), 12 in. ....	.15	.80
Sulphureum. Sulphur-yellow, 15 in. 1/4 oz., 1.20	.50	4.00
Serpyllifolium Yellow, 6 in.	1/4 oz., 70c	.35 2.40
Ampelopsis Veitchi, Boston Ivy. Clean seed. lb., \$2.40		.30
Anchusa Angustifolia. Navy-blue, 36 in. ....	.15	.50
Italica, Dropmore Variety. Large, Gentian-blue, excellent perennial for cutting, 6 ft. lb., \$6.00	.15	.50
Lissadell. Large flowered clear Gentian-blue, 6 ft.	1/4 oz., 25c	.15 .80

	Trade pkt.	Oz.
ANCHUSA Italica —Continued		
Opal. Light blue, 3 to 5 ft.	1/4 oz., 25c	\$0.15 \$0.80
Myosotidiflora. X Beautiful Forget-Me-Not-blue, 15 in.	100 seeds, 65c; 1000 seeds, \$5.00	... ..
Anemone (Windflower), Coronaria. Mixed, very showy, 18 in.	1 lb., \$5.00	.15 .50
Coronaria, Double Chrysanthemum-Flowered, 18 in., fine.	1 lb., \$14.00	.25 1.20
Creagh Castle Strain. Large color range.		1.00 10.00
His Excellency, X Single scarlet, 1 ft. lb., \$16.00	.25	1.20
The Governor. X Double bright scarlet flowers.	1/4 oz. 85c	.50 3.00
St. Brigid's Hybrids. True Irish strain. Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors, 18 in.	1/4 oz., \$1.20	.50 4.00
St. Brigid. Regular strain, 18 in.	1 lb., \$18.00	.35 1.60
Pulsatilla. X Violet-lilac, 12 in.	1/4 oz., 65c	.35 2.20
Rubra, X red, 12 in.	1/4 oz., 65c	.35 2.20
Sylvestris. X White, large-flowered, 12 in. ....	.35	1.40
Anthemis Kelwayi (Hardy Marguerite). Daisy-like yellow blossoms, produced all summer. Excellent for cutting, 2 ft. ....		.15 .40
Kelwayi Alba. Hardy white Marguerite. 3 ft. ....	.15	.80
Montana. X Charming species producing pure white flowers in abundance, 12 in.	1/4 oz., 40c	.25 1.40
Tinctoria. Very useful yellow border plant. 2 to 3 ft. ....	.15	.60
Antirrhinum Asarina. X A very free flowering, creeping snapdragon for sunny rock gardens and dry walls. Color cream, 6 in.	1/8 oz., 75c	.50

AQUILEGIA X (Columbine)

Alpina. Blue. 24 in. ....	.35	1.80
California Hybrids. 3 ft.	1/4 oz., 60c	.35 2.00
Canadensis. Old rose with yellow, 30 in.	1 lb., \$16.00	.25 1.20
Chrysantha. Light chrome-yellow, fine, 36 in. 1/4 oz., 40c	.25	1.40
Grandiflora Sulphurea. Soft sulphur-yellow, 3 ft.	1/4 oz., 60c	.35 2.20
Fl. Pl., 60 to 70 per cent of light chrome-yellow double flowers, 36 in.	1/4 oz., 80c	.35 2.80
Grandiflora Alba. White, long-spurred, 24 in.	1/4 oz., 60c	.35 2.00
Silver Queen. Long-spurred silvery white, 2 ft.	1/4 oz., 85c	.35 3.00

Rock Plants are followed by X and the heights given are of the plants when in bloom.

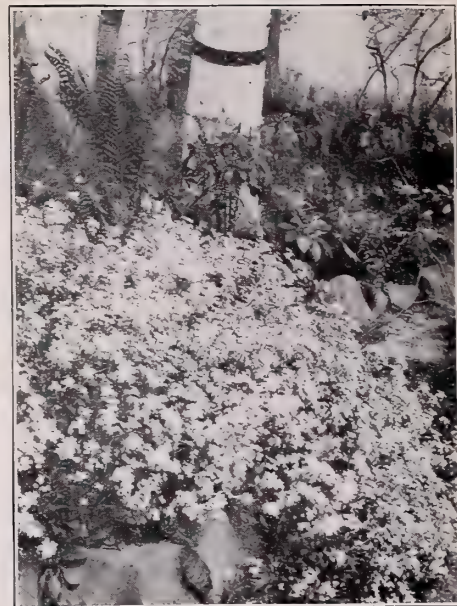
Seeds of Biennials and Hardy Perennials



BOCCONIA (Plume Poppy)



DAISY Shasta Alaska



ARABIS (Rock Cress)

AQUILEGIA—Continued

	Trade pkt.	Oz.
Coerulea. X Blue, Rocky Mt., Columbine, 2 ft.		
.....lb., \$22.00	\$0.35	1.80
Rose Queen. Shades of rose with white center, 30 in.		
.....1/4 oz., 70c	.35	2.40
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer.	1/4 oz., \$1.20	.50 4.00
Farquhar's Pink. Beautiful pink, long spurred flowers, 2 ft.	1/4 oz., \$1.20	.50 4.00
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white centers, 12 to 18 in.	1.00	.....
Jaetschaul. Large yellow with red spurs, 36 in.	1/4 oz., 85c	.35 3.00
Long-Spurred Varieties, choice mixed, 30 in., lb., \$24.00	.35	2.00
Blue Shades.	1/4 oz., \$1.50	.50 5.00
Orange and scarlet shades.	1/4 oz., 1.50	.50 5.00
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc.	1/4 oz., \$1.20	.50 4.00
Nivea Grandiflora. White, semi-double, 36 in.	.25	1.20
Skinneri. Scarlet spurs with yellowish green corolla, 30 in.	1/4 oz., 65c	.35 2.20
Vulgaris Alba Plena. Double white, 30 in.	.25	1.80
Compacta Edelweiss. One of the earliest spring flowers. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms.	.25	.....
Double mixed.	lb., \$5.00	.15 .50
Single mixed.	lb., 5.00	.15 .50
Vaughan's Special Mixture.	1/4 oz., 1.00	.50 3.60

Arabis X Alpina. White, 12 in.	lb., \$4.40	.15 .50
Alpina Grandiflora Superba. X Large white, 1 ft.	.25	1.40
Nana Compacta, X 10 in.	.25	1.40
Rosea. X Vivid rose, 8 in.	1.00	.....
Arenaria Montana X. White, 12 in.	1/8 oz., .85c	.50
Aristolochia Siphon. Large-leaved.	.35	1.40
Tomentosa.	.20	.80
Armeria X Alpina. Purple, 12 in.	.50	.....
Formosa. Red, 2 ft.	1/4 oz., 40c	.25 1.20
Formosa Hybrida. 2 ft.	1/4 oz., 35c	.25 1.00
Lauchiana. Rosy crimson, 9 in.	1/4 oz., \$1.40	.50 5.00
Maritima. Lilac-rose, 12 in.	1/4 oz., 1.20	.50 4.00
Ruby. Deep rose-colored flowers, 24 in.	.....	.....
Arnica Montana X 20 in. yellow fragrant.	1/4 oz., 50c	.35 1.80
Artemisia Lactiflora. White flowers, 30 in.	.50	.....
Asclepias Tuberosa. Orange, fine, 24 in.	1/4 oz., 60c	.35 2.00
Asparagus Verticillatus. Hardy Climbing Asparagus.	.35	2.00
Asperula Hexaphylla. White, excellent for cutting, 3 ft.	.15	.80
Odorata, Woodruff. Very odoriferous, white, 8 in.	.15	.60
Asphodelus Luteus. Yellow, fragrant, 3 ft., 1/4 oz., 60c	.35	2.00
Aster Perennial. Choice mixed.	.35	1.80
Perennial, Large-Flowering Varieties, mixed.	.50	2.40

ASTER PERENNIAL—Continued

	Trade pkt.	Oz.
Alpinus. Mixed, 15 in.	1/4 oz., 60c	\$0.35 \$2.00
Goliath. X Soft blue, 15 in.	.....	.35
Nixe. X Light blue, 12 in.	1/4 oz., 85c	.35
Amellus Hybridus. A good mixture, 30 in.	1/4 oz., \$1.20	.50 4.00
Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; one of the best, 30 in.	.75	.....
Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose, 30 in.	1.00	.....
Farreri. X Color is a soft tone of violet mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. June and July; creepnig 1/8 oz., \$1.50	.75	.....
Sub-coeruleus. X Light blue, 15 in.	1/4 oz., 65c	.35 2.20
Star of Eisenach. X Bright lavender-blue Marguerites with yellow centers measuring more than four inches across and in flower end of May and June, 30 in.	.25	.....
Yunnanensis. Brilliant lilac blue, flowers in early summer, 15 in.	1/8 oz., 1.50	.50
Aubrietia X Large-Flowered Hybrids. Aubrietias produce great masses of bloom. Grow well from seed. Sow in June and plant out in autumn where required for flowering in spring. 6 in.	1/4 oz., 85c	.50 3.00
Bougainvillei. X Dark blue, 6 in.	1/4 oz., 1.00	.50 3.60
Deltoidea. X Lilac, 6 in.	1/4 oz., \$1.20	.50
Eyrii. Free flowering light violet variety, 1/4 oz., \$1.20	.35	.....
Graeca. Violet, large, 6 in.	1/4 oz., 50c	.25 1.60
Leichtlini. Large-flowered, rosy purple, 6 in.	1/8 oz., \$1.20	.50
Rosea Grandiflora. X Pink.	1.00	.....
Whitewell Gem. X Purple, 6 in.	.50	.....
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). 2-4 ft. Beautiful racemes of pea-shaped indigo-blue flowers appearing in mid-summer.	lb., \$12.00; 1/4 oz., 40c	.25 1.40
Beauty Bush (Kolkwitzia Amabilis).	.....	.....
.....100 seeds, 25c; 1000 seeds, \$2.00	.....	.....
Bellis Perennis X or Double Daisy, 6 in.		
Longfellow. Very large, double dark rose.	1/4 oz., 50c	.25 1.60
Snowball. Double white, excellent.	1/4 oz., 50c	.25 1.60
White with red center.	1/8 oz., 50c	.35
Mammoth Rosy white Quilled—double.	1/8 oz., \$1.00	.50
Monstrosa, double pink.	1/4 oz., 60c	.35 2.00
Double red (dark rose).	1/4 oz., 60c	.35 2.00
Double white.	1/4 oz., 60c	.35 2.00
Tubulosa Aetna. Rich, deep red.	1/4 oz., \$1.00	.35 3.60
Double mixed.	1/4 oz., 50c	.35 1.80
Extra choice mixed.	1/4 oz., 50c	.25 1.60
Bidens Atrosanguinea The black Dahlia 24 in.	.25	1.60

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Seeds of Biennials and Hardy Perennials



CAMPANULA Medium (Canterbury Bell)



COREOPSIS Lanceolata (Double-Flowering)



CHEIRANTHUS (Siberian Wallflower)

Bignonia Radicans (Trumpet vine). Dark red, orange throat.....lb., \$5.40	Trade pkt. Oz.	
Bocconia Japonica (Plume Poppy). A handsome border plant, having large lobed heart-shaped leaves of pretty silvery under surface and flower plumes cream color. Germinates slowly, 5 ft.....lb., \$4.20	.15	.50
Boltonia Asteroides. White daisy flowers, 4-6 ft.....	.35	2.80
Latisquama . Delicate pink, 4-5 ft.....	.35	1.80
Buddleia Veitchiana. Butterfly Bush 5 ft.....	.25	1.20
Bupththalmum Cordifolium (Speciosum). Orange-yellow flowers with brown centers, 36 in.....	.25	1.20
Salicifolium . Yellow, dwarf, 18 in.....	.15	.90
Calamintha Alpina. X Blue, 6 in.....	.75	....
Callirhoe Involucrata. X Crimson, 6 in.....	....	....

CAMPANULA

Carpatica X (Hare Bell). Blue, 9 in.....	1/4 oz., 40c	.25	1.20
Alba X White, 18 in.....	1/4 oz., 40c	.25	1.20
Mixed X.....	1/4 oz., 40c	.25	1.20
Fragilis . Blue, splendid for hanging baskets.....		.50	
Glomerata Superba. Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in.....	1/4 oz., 85c	.50	3.00
Lactiflora Coerulea. Light blue, 3 ft.....	1/8 oz., 80c	.50	
Latifolia Macrantha. Blue, large-flowered, 40 in.....	1/4 oz., 50c	.35	1.50
Alba , white. 40 in.....	1/4 oz., 45c	.35	2.20
Medium Calycanthema, Cup and Saucer. Blue, 36 in.....		.25	1.40
Calycanthema , Lilac, White, each.....	1/4 oz., 45c	.25	1.40
Pink	1/4 oz., 45c	.25	1.40
Mixed	lb., \$12.00	.20	1.00
Medium , Single. Canterbury Bell, Blue, 36 in lb., \$4.00		.10	.50
Single , Lilac, Rose, White, each.....	lb., \$4.00	.10	.50
Mixed	lb., \$3.00	.10	.30
Double , Blue, 32 in.....		.25	1.20
Rose.....		.25	1.20
White.....		.25	1.20
Mixed	lb., \$8.00	.20	.80
Double and single mixed.....		.15	.80
Persicifolia Alba. White, fine, 30 in.....	1/4 oz., 60c	.35	2.00
Alba Plena . Double white. 30 in.....	1/4 oz., 90c	.35	3.20
Grandiflora Fl. Pl. Moerheimi. Flowers large, semi-double, cup-shaped, pure white. 2 ft. June-July.....		1.00	....
Grandiflora Large Bell. Large blue cup-shaped flowers. 2 1/2 ft.....	1/6 oz., \$1.20	.50	....
Coerulea . Blue, 30 in.....	1/4 oz., 70c	.35	2.60
Grandiflora , Coerulea, 30 in.....	1/8 oz., \$1.50	.50	....
Coerulea Plena . Double blue, 30 in.....	1/8 oz., \$1.00	.50	....
Pfitzeri Fl. Pl. Extra large flowered, double blue.....		1.00	....
Telham Beauty. Very large bells of China-blue 30 in.....	1-16 oz., \$1.80	.75	....
Single mixed	1/4 oz., 65c	.35	2.00
Pusilla . X Light blue bells. Very free blooming, July, 4 in.....		1.00	....
Alba . X Pure white.....		1.00	....

CAMPANUL —Continued	Trade pkt. Oz.	
Pyramidalis Alba. White, 5 ft.....	1/4 oz., 50c	\$0.25 \$1.80
Blue , lavender-blue, 5 ft.....	1/4 oz., 40c	.25 1.20
Mixed	1/4 oz., 40c	.25 1.40
Rotundifolia . X One of the prettiest species, slender branching stems, covered with dainty frail blue flowers, 6-12 in.....	1/8 oz., \$1.20	.50
Olympica . Light blue. This variety was incorrectly introduced as Piperi, 12 in.....		1.00
Turbinata . X A beautiful variety forming close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it. June-July. 18 in.....	1/4 oz., 50c	.25 1.60
Alba . X 18 in.....	1/4 oz., 50c	.25
Trachelium (Coventry Bells). Crowded heads of lavender-blue flowers. 2-3 ft.....		.15 .60
Perennial Varieties . Mixed.....	1/4 oz., 40c	.25 1.20
Candytuft X Sempervirens (Hardy Candytuft). White, June-July. 12 in.....	lb., \$14.00	.35 1.40
Sempervirens Snowflake. Large pure white flowers 12 in.....	1/4 oz., 90c	.50 3.20
Tenoreana Lilac with white, 16 in.....		.15 .60
Queen of Italy . A free-flowering, dwarf, compact variety with almost evergreen foliage; may be grown as annual or biennial. 10 in.....		.15 .50
Gibraltarica . Large flowers, lilac, shading to white. 1 ft.....	lb., \$12.00	.20 1.00
Canterbury Bells . See Campanula Medium.		
Carnation , Vienna Dwarf. Mixed.....	1/4 oz., 45c	.25 1.40
Vienna Dwarf . White.....	1/4 oz., 60c	.35 2.00
Pink . 20 in.....	1/4 oz., 60c	.35 2.00
Grenadin Red. Half high. 20 in.....	1/4 oz., 50c	.35 1.60
Red , Dwarf. 14 in.....	1/4 oz., 85c	.50 3.00
Golden Sun . True golden yellow.....		.50
White . 20 in.....	1/4 oz., 60c	.35 2.00
Pink , 20 in.....	1/4 oz., 60c	.35 2.00
Tausendschon . Soft salmon-rose to bright pink.....	1/4 oz., 85c	.50 3.00
Velvety Brown, 20 in.....	1/4 oz., 60c	.35 2.00
Mixed	1/4 oz., 50c	.25 1.60
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in.....		.25 1.20
Catananche Coerulea. Blue, with dark eye, fine, everlasting, 30 in.....	1/4 oz., 40c	.25 1.20
Coerulea Alba. White, dark eye. 30 in.....	1/4 oz., 40c	.25 1.20
Centaurea Dealbata. Rose-colored flowers, 18 in.....	1/4 oz., 45c	.25 1.60
Macrocephala . Golden yellow, 36 in.....	1/4 oz., 30c	.25 1.00
Montana . Corn-flower blue. Large flowers, 24 in.....	lb., \$5.00	.15 .60
Alba . White, superb large flowers, 24 in.....		.25 .80
Centranthus . See Valeriana.		
Centrosema Grandiflora. Red-violet.....	1/4 oz., 40c	.25 1.20

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Seeds of Biennials and Hardy Perennials



DIGITALIS (Foxglove)



DIANTHUS Plumarius (Clove Pinks)



DELPHINIUM Blackmore and Langdon Strain

	Trade	pkt.	Oz.
Cephalaria Alpina. Sulphur-yellow, 5 ft.	¼ oz., 30c	\$0.20	\$1.00
Cerastium × Tomentosum (Snow-in-Summer). Silvery white foliage, white flowers, 16 in.	¼ oz., 40c	.25	1.20
Cheiranthus Allioni. Brilliant yellow, 16 in., lb., \$4.00	.15	.50	
Kewensis. Winter-blooming Wallflower. Fragrant flowers, sulphur passing to golden and violet, 30 in.	¼ oz., 85c	.25	3.00
Linifolius. Lilac, 18 in.	¼ oz., 40c	.25	1.20
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft. . . . .	.15	.80	
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower. . . 3 to 4 ft. . . . .	.25	1.00	
Torreyi. Brick-red, 4 ft. . . . .	.15	.80	
Hybrida. Mixed. . . . .	.15	.80	
Chrysanthemum Leucanthemum (Spring Marguerite)			
Early floriferous, 36 in. "Mother's Day." lb., \$6.00	.15	.60	
Maximum Perfection (Ox-Eye Daisy) 36 in. lb., 4.00	.10	.40	
King Edward VII. Large, white, 36 in. lb., 6.00	.15	.60	
Lacinatum, Comet Marguerite. white, 36 in. . . . .	.25	1.20	
Mrs. C. Lother Bell. Single white, 3 ft. ¼ oz., 35c	.25	1.20	
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers. lb., \$8.00	.15	.80	
Conqueror (Victor). Giant flowered white ¼ oz., 25c	.15	.80	
Clematis Paniculata. White. lb., \$ 3.20	.10	.40	
Recta. Splendid cut-flowers, white, 4 ft. lb., 10.00	.25	.90	
Columbine. See Aquilegia.			
Coreopsis Lanceolata Grandiflora. Golden yellow, 3 ft. lb., \$3.20	.10	.30	
Lanceolata Grandiflora Fl. Pl. (Double-Flowering Coreopsis), 3 ft. lb., \$6.00	.20	.60	
Auriculata Superba. Dark yellow with band of brownish red around disc. 3 ft. ¼ oz. 40c	.25	1.40	
Corydalis × Cheilanthesfolia. Fern-like foliage, golden-yellow flower spikes. April-Oct. 8 in. ¼ oz., \$1.50	.50	...	
Lutea. × Gray-green foliage, golden-yellow flowers, constantly in bloom all summer, 1 ft. ½ oz., \$1.20	.50	...	
Crucianella × Stylosa. Light red, 18 in. . . . .	.15	.60	
Cyclamen × Europaeum. The well known red flowering Alpine violet August-Sept. 4 in. . . (200 seeds)	.50	....
Daisy. See Bellis , Agathe , Chrysanthemum Maximum and Pyrethrum .			
Daisy, Shasta, Alaska. Best white, American-grown, 40 in. ¼ oz., 30c; lb., \$12.00	.25	1.00	
Westralia. Very large and early. White. 40 in. ¼ oz., 35c	.25	1.20	

DELPHINIUM

Blackmore and Langdon Strain. Tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors.

Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period.

Wrexham Strain. Deep Blue Shades. 1.00 5 00
Light Blue Shades. 1.00
Mid Blue Shades. 1.00

One of our growers who is a specialist in the culture of Delphinium seed has been at work on an improved strain of hybrids and has segregated different colors into various shades which we offer as follows:

	Trade	pkt.	Oz.
XXX Light Blue Shades.	¼ oz., 85c	\$0.50	\$ 3.00
XXX Dark Blue Shades.	¼ oz., 85c	.50	3.00
XXX Mid-Blue Shades.	¼ oz., 85c	.50	3.00
XXX Pastel Shades.	¼ oz., 85c	.50	3.00
Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation. ¼ oz., \$2.25	1.00	8.00	
Belladonna Hybrids. 4 to 5 ft. ¼ oz., 45c	.25	1.40	
Belladonna. Light Blue, 4 to 5 ft. lb., \$20.00; ¼ oz., 50c	.35	1.80	
Light Blue Improved, 4 to 5 ft. lb., \$24.00	.50	1.80	
Bellamosum. Dark blue, 4 to 5 ft. lb., \$22.00	.50	1.60	
Cardinale. Scarlet, 30 in. ¼ oz., 70c	.35	2.40	
Chinense Album Grandiflorum. White, 36 in. lb., \$7.00	.20	.80	
Azureum Grandiflorum. Blue, 36 in. lb., \$7.00	.20	.80	
Mixed. lb., \$6.00	.15	.70	
Azure Fairy. Soft azure-blue, 20 in. . . . .	.25	1.00	
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft. lb., \$6.00	.15	.60	
Elatum Hybridum Indigo True Blue (better than D. Formosum). 5 ft. ½ oz., \$1.00	.50	6.00	
Double Hybrids. Fine mixed. lb., \$16.00	.35	1.80	
Lamartine. Dark blue; single. 30 in. ½ oz., \$1.00	.50	6.00	
Mrs. H. J. Jones. Single Cambridge blue, extra long spikes. ½ oz., \$1.00	.50	6.00	

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Seeds of Biennials and Hardy Perennials


 SWEET WILLIAM (*Dianthus Barbatius*)


EDELWEISS


 DICTAMNUS *Fraxinella* (Gas Plant)

DELPHINIUM *Elatum*—Continued

	Trade	pkt.	Oz.
Rev. E. Lascelles. Deep violet blue, large clear white eye.....	1/8 oz.,	\$1.00	\$0.50
The three preceding varieties come almost true from seed.			
Summer Cloud. White, fine.....	1.00		
Formosum. Blue, dark, 5 ft.....	1 lb.,	\$20.00	.50
Nudicaule. X Brilliant scarlet with peach-red interior, 30 in.....	1/4 oz.,	70c	.50
Chamois.....	1/8 oz.,	60c	.50
Lemon Gem. 18 in.....	1/4 oz.,	70c	.50
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft.....	1/4 oz.,	\$1.65	.50
Gold Medal Hybrids. An extra choice strain 1 lb.,	\$12.00	.25	1.00
Vaughan's Special Mixture. Perennial varieties.....	.50	5.00	

DIANTHUS-BARBATUS—Sweet William

Double Blood-red (<i>Atrosanguineus</i> pl.) 20 in.....	.20	1.00
Roseus. Pink.....	.15	.80
Nigrescens. Almost black.....	.15	.80
White.....	.15	.80
Double Mammoth Flowered. Mixed....	1 lb., \$14.00	.25
Single Albus. White.....	.15	.50
Blood-red (<i>Atrosanguineus</i>).....	.15	.50
Coppery Red.....	.15	.80
Diadematus. Crimson with white eye.....	.15	.50
Johnson's Giant. Mixture of large-eyed, dark.....	1 lb., \$8.00	.15
Nigrescens. Very dark, almost black.....	.15	.50
Pink Beauty (Newport Pink). Salmon-rose.....	1 lb., \$8.00	.15
Purple Beauty. Bright deep purple.....	.25	
Roseus. Delicate pink.....	.15	.50
Scarlet Beauty. Scarlet.....	1 lb., \$8.00	.15
Turkey-Red.....	.15	.80
Single Dwarf Mixed varies.....	.15	.50
Mammoth Flowered. Single mixed....	1 lb., \$ 6.00	.15
Vaughan's Special Mixture.....	1 lb., 10.00	.20
Barbatus X <i>Chinensis</i> (Annual Sweet William). Mixed.....	1 lb., \$5.00	.15
Allwoodii X.....	100 seeds, \$1.20; 1,000 seeds, \$10.00	
Alpinus X 8 in.....	100 seeds, \$1.20; 1,000 seeds, \$10.00	
Sweet Wivelsfield. 1 ft.....	1/4 oz., 50c	.25

DIANTHUS PLUMARIUS—CLOVE PINKS

Plumarius X Single mixed, 6 in.....	1 lb., \$3.60	.10	.40
Double. Fine mixed 1 lb., \$14.00;.....	1/4 oz., 30c	.25	1.00
Spring Beauty. Extra double giant-flowered clove pinks, carnation-like in form and size and with a beautiful range of color. Very fragrant.....	.50		
Cyclops. Best single.....	.15	.60	
Cyclops. Red Hybrids.....	1/4 oz., 30c	.20	1.00
Cyclops. Double Mixed.....	1/8 oz., 75c	.35	
Semperflorens. Single Mixed.....	1/4 oz., 25c	.15	.80
Double and Semi-Double Mixed.....	1/4 oz., 40c	.25	1.20

DIANTHUS *Plumarius*—Continued

	Trade	pkt.	Oz.
Diadematus. Rose sprinkled white.....	\$0.15	\$0.60	
Albus Plenus. Double white.....	1/4 oz., 60c	.25	2.20
Highland Queen. Lustrous scarlet vermillion color.....	.75		
Nanus fl. pl. Double Early-Flowering. Dwarf Mixed.....	1/4 oz., 50c	.25	1.60
Mrs. Sinkins. Double white.....	1/16 oz. \$1.00	.50	
Peacock. Fringed.....	.15	.60	
Vaughan's Special Mixture.....	1/4 oz., 60c	.35	2.00

DIANTHUS—SORTS

Arenarius. Sand Pink, small white fringed flowers. 1 ft.....	.35		
Caesius, (Cheddar Pink). X Dense tufts of glaucous blue foliage and large rose-colored flowers, July, 3 in.....	1/4 oz., 50c	.35	1.60
Deltoides Brilliant (Maiden Pink). X Rose, 8 in. Summer.....	1/4 oz., 55c	.35	1.80
Graniticus. Carmine. X 8 in.....	1/4 oz., 55c	.35	1.80
Hybridus Crimson Bedder. Crimson-scarlet. 8 in.....	1/8 oz., 75c	.35	
Latifolius <i>Atrococcineus</i> pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high....	.25	1.00	
Neglectus X (Glacier Pink). Fiery red, 6 in.....	1000 seeds, \$4.00; 100 seeds, 50c		
Best rock work species mixed X.....	1/4 oz., 65c	.35	2.20

Dictamnus *Fraxinella* (Gas Plant). Pink. 30 in.

Fraxinella Albus. White, 30 in.....	1/4 oz., 50c	.25	1.40
Dielytra Spectabilis. Bleeding Heart. Seedlings will bloom the second year. 32 in.....	.50	4.00	

DIGITALIS (Foxglove)

Canariensis. Canary-yellow. 3 ft.....	1/8 oz., 70c	.35	4.80
The Shirley Hybrids. 6 to 7 ft.....	1 lb., \$6.00	.15	.60
Hybrida Lutzii. New, salmon hybrids. 4 ft.....	1/4 oz., 40c	.25	1.40
Gloxiniaflora. Spotted flowers, mixed, 4 ft.....	1 lb., \$4.40	.15	.50
Alba. White.....	1 lb., 5.00	.15	.60
Purple.....	1 lb., 5.00	.15	.60
Rose.....	1 lb., 5.00	.15	.60
Isabellina. New, light chamois.....	1/4 oz., 60c	.35	2.20
Grandiflora. Chrome-yellow (<i>Ambigua</i>), 36 in.....	1 lb., \$8.00	.15	.80
Maculata Iveryana. Spotted varieties, 4 ft.....	.15	.60	
Purpurea. 4 ft.....	.10	.40	
Monstrosa. Mixed, 3 ft.....	1 lb., \$6.40	.15	.60
Mixed.....	1 lb., 4.00	.10	.40
Vaughan's Special Mixture.....	1 lb., 8.00	.15	.80

Dodecatheon *Meadia*. Shooting Star. 1 ft.....

.....	1/8 oz., \$1.00	.50	6.00
Doronicum <i>Caucasicum</i> , yellow, early. 2 ft.....	1.00		
Plantagineum <i>Excelsum</i> . Large golden-yellow, daisy-like flowers. 3 ft.....			
.....	100 seeds, \$3.00; 1000 seeds, \$26.00		

Rock Plants are followed by X and the heights given are of the plants when in bloom.



ECHINACEA (Rudbeckia)



HIBISCUS (Mallow Marvels)

GYPSOPHILA *Paniculata* Flore Pleno

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
Echinacea <i>Purpurea</i> <i>Hybrida</i> (Cone Flower), mixed	\$0.35		\$1.80
<i>Purpurea</i> . Purple Cone Flower, 40 in.	lb., \$14.00	.25	1.20
Echinops (Globe Thistle) <i>Ritro</i> . Violet, 5 ft.	lb., \$3.00	.10	.40
<i>Sphaerocephalus</i> . Light blue, fine for winter bouquets.			
6 ft. . . . .		.10	.40
Edelweiss . X Large-flowered, 6 in.	1/8 oz., \$2.00	.50	
<i>Sibiricum</i> . Large fine blooms. 9 in.	1/16 oz., \$1.30	.50	....
Eremurus <i>Robustus</i> , 7 ft.			
.....100 seeds, 60c; 1000 seeds, \$5.00			
<i>Himalaicus</i>100 seeds, 40c; 1000 seeds, 3.00			
Erigeron <i>Speciosus</i> <i>Hyb. Grandiflorus</i> . Rosy lilac, 30 in.	1/4 oz., 55c	.35	1.80
<i>Grandiflorus</i> <i>Elatior</i> . Rosy, 24 in.	1/4 oz., 55c	.35	1.80
Erinus X <i>Alpinus</i> . Purple, for borders. 6 in.	1/16 oz., \$2.40	.50	....
Eryngium <i>Amethystinum</i> . Amethyst-blue, 3 ft.	1/4 oz., 85c	.50	3.00
<i>Alpinum</i> . The prettiest of this thistle-like group; stems and flower-heads of a splendid steel-blue color. June-July. 2 1/2 ft.	1/4 oz., 50c	.25	1.80
<i>Planum</i> . Dark blue, 4 ft. . . . .		.15	.50
Erysimum <i>Pulchellum</i> . Sulphur yellow, 12 in. . . . .		.15	.80
Eupatorium <i>Coelestinum</i> . Sky-blue, 24 in. . . . .		.50	
<i>Fraseri</i> . White. 2 ft. . . . .		.20	1.00
<i>Purpureum</i> . Wine-red, floriferous, 4 ft. . . . .		.15	.80
Euphorbia <i>Corollata</i> . pure white flowers, 2 ft.	1/4 oz., \$1.20	.50	....
<i>Myrsinites</i> Grey trailer large heads of yellow flowers.			
3 in. . . . .		.35	1.40

EUPHORBIA POLYCHROMA

A rare and unusual rock plant, growing 15 to 18 inches in height, blooming in May. The flowers are in a flat bract formation, bright yellow changing to a rosy-bronze forming a rich contrast with the dark green foliage. The growth habit is a compact ball and thrives best in a full sun and poor soil.

Trade pkt., 50c; 1/8 oz. \$1.50; 1 oz. \$10.00.

FORGET-ME-NOT X (Myosotis)

<i>Alpestris</i> . Blue, 12 in.	lb., \$6.00	.15	.60
<i>Blue Eyes</i> . Compact grower, flowers appear early, large bright blue with white eye. . . . .		.20	1.00
<i>Indigo Blue</i> (Sutton's Royal Blue), 12 in.	1/4 oz., 40c	.25	1.20
<i>Messidor</i> . Deep blue, late-blooming, 12 in.	1/4 oz., 50c	.25	1.60
<i>Rosea</i> . 12 in. . . . .		.15	.60
<i>White</i> . 12 in. . . . .		.15	.60
<i>Mixed</i> , many kinds. . . . .		.15	.50

FORGET-ME-NOT—Continued

Victoria. Dwarf globular strain. 8 in:

<i>Sky Blue</i> . Excellent variety.	1/4 oz., 40c	\$0.25	\$1.40
<i>Indigo Blue</i> . Fine dark blue.	1/4 oz., 50c	.25	1.60
<i>White</i>	1/4 oz., 40c	.25	1.40
<i>Rosea</i> . Pink.	1/4 oz., 50c	.25	1.60
<i>Stricta</i> . Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft.	1/4 oz., 50c	.25	1.80
<i>Pink Bouquet</i> . A companion to the above, only the flowers are a charming pink. 1 ft.	1/4 oz., 65c	.35	2.40
<i>Indigo Blue Bouquet</i> . Same type as above with rich dark blue flowers. 1 ft.	1/4 oz., 50c	.25	1.80
<i>Dissitiflora</i> . Rich blue, early and compact.	1/4 oz., 85c	.35	3.00
<i>Palustris</i> . The true Swamp Forget-Me-Not.	1/4 oz., 45c	.25	1.40
<i>Semperflorens</i> . Dwarf, blue, in flower from early spring until autumn. 1 ft.	1/4 oz., 45c	.25	1.40
<i>Oblongata Perfecta</i> . Vaughan's Early and Late Flowering. The flowers are borne on long, stiff stems. Sky-blue flowers with a white center. 1 ft.	1/4 oz., 45c	.25	1.40
<i>Blue Bird</i> . A beautiful winter-flowering Forget-Me-Not. 1 ft.	1/4 oz., \$1.20	.35	4.00
<i>Hybrida Isolde Krotz</i> . Bright blue; good for pots. 10 in.	1/32 oz., \$1.80	1.00	....
<i>Ruth Fisher</i> . Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage. 10 in.	1/16 oz., 80c	.50	....
<i>Marga Sacher</i> . Deep sky-blue. Flowers measure 2-5 to 3-5 inches across. 10 in.	1/16 oz., \$1.35	.75	....
Galega <i>Bicolor</i> <i>Hartlandi</i> . White and lilac. 3 ft. . . . .		.15	.60
Gentiana <i>Acaulis</i> . Gentian-blue, fine, 5 in.	1/4 oz., 90c	.50	3.20
<i>Lutea</i> . Yellow, 40 in.	1/4 oz., 40c	.25	1.20

GAILLARDIA *Grandiflora* 3 ft.

<i>Burgundy</i> . Shining wine-red flowers about 2 1/2 in. in diameter, on long stiff stems, from June until Fall. Comes 60% to 70% true from seed. 30 in. . . . .		.25	....
<i>Dazzlef</i> . Large flowers, bright golden yellow with rich maroon-red center.	1/4 oz., 50c	.35	\$1.40
<i>Portola Hybrids</i> . The flowers are very large. The petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2 1/2 to 3 ft.	1/4 oz., 50c	.25	1.60
<i>Standholder</i> . Large flowers, yellow bordered, and with lighter or darker red wings around the center. The petals are broad, but occasionally tubular with an inclination to doubleness. Blooms early. 3 ft. . . . .		.25	1.40
<i>Sibylla</i> . Flowers large, vivid carmine, tipped white, with dark crimson center.20	1.00
<i>Maxima Kermesina Splendens</i> . Crimson, 3 ft.15	.80

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HEUCHERA Sanguinea



HOLLYHOCK Chater's Double



LATHYRUS Latifolius (Perennial Pea)

Seeds of Biennials and Hardy Perennials

GAILLARDIA Grandiflora—Continued		Trade	pkt.	Oz.
Maxima Yellow. Golden.....		\$0.20		\$1.00
Semi-plena. Semi-double varieties mixed, 3 ft.....				
	1/4 oz., 50c	.25		1.60
Tangerine. New, large orange-colored flower, 1/4 oz., 60c		.35		2.00
Compacta. Mixture of dwarf varieties 16 in.....		.15		.80
Large-flowering sorts, mixed.....	lb., \$4.80	.15		.50
New Hybrids, mixed.....	lb., 8.00	.15		.80

Geum Coccineum Atrosanguineum Pl. X Semi-double, orange-red, 2 ft.....	1/4 oz., 40c	.25		1.20
Coccineum Fl. Pl. Mrs. Bradshaw. X Glowing red, 2 ft.....	1/4 oz., 45c	.25		1.40
Borisii. X Neat tufts of evergreen foliage, large flowers brilliant scarlet in bloom from June till late autumn. 2 ft.....		.50		4.00
Lady Stratheden X (Golden Ball). The blooms are a rich golden yellow. 2 ft.....	1/4 oz., 70c	.35		2.40
Sibiricum. Reddish orange. 6 in.....		.50		....

GLOBULARIA TRICHOSANTHA (GLOBE DAISY)

An attractive dwarf growing perennial with round or globular shaped flowers of pale blue. The fluffy appearance of the flowers somewhat resemble Ageratum. Their blooming period extending through the Summer months makes them very suitable for border planting and the dwarf habit especially desirable for rock gardens, 12 in.

Trade pkt. 50c., 1/8 oz. 80c; oz., \$5.00

Golden Rod (Solidago Canadensis) 5 ft.....	.35	1.80
See also Solidago.		

Grasses, Ornamental

Arundo Donax. 8 to 30 ft.....	.15	.60
Arundo Donax fol. variegatis. 4 to 7 ft.....	.15	.80
Erianthus Ravennae. Plume Grass 6 to 8 ft.....	.10	.40
Eulalia Japonica. 6 ft.....	.15	.60
Eulalia Japonica Zebrina. 5 ft.....	.15	.60
Festuca Glaucia. True blue grass with dense glaucous tufts.....	.25	1.80
Gymnorrhix Latifolia. 3 to 4 ft.....	.15	.60
Gynerium Argenteum.....	.10	.40
Stipa Pennata. Feather Grass. 2 ft.....	.25	2.00
Uniola Latifolia. Spike Grass. 3 ft.....	.15	.50
Gypsophila Acutifolia. Lilac pink. 4 ft.....	.15	.80
Paniculata. White. 40 in.....	lb., \$4.00	.15 .40
Fl.Pl. (30 to 40% true), 40 in.....	1/4 oz., 90c	.50 3.20
Snow-white Double, 2 ft.....	1/4 oz., \$1.20	.50 4.00
Manginii. Rosy white, tall.....		.15 .60

GYPSOPHILIA—Continued

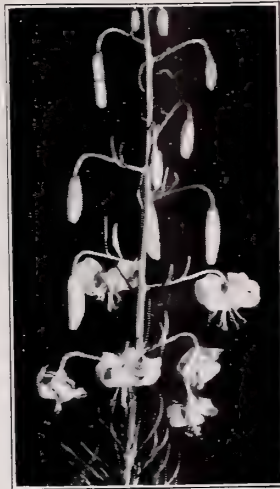
	Trade	pkt.	Oz.
Repens X Dwarf, for rockwork. White, 6 in.....	\$0.25		\$1.20
Rosea.....	.50		....
Helenium Autumnale. Yellow.....	1/4 oz., 50c	.35	1.80
Autumnale Hybr. Nanum Praecox. Early-blooming hybrids in bronze and crimson shades. July-Sept. 3 ft.....	1/8 oz., \$1.00	.50	....
Bigelowi. Yellow, for cutting, 20 in.....	1/4 oz., 1.00	.50	3.60
Hoopesi. Yellow, 30 in.....		.20	1.00
Riverton Beauty. Lemon-yellow, 4 ft.....	1/4 oz., 60c	.35	2.00
Riverton Gem. Crimson and old gold. 3 1/2 ft.....	1/4 oz., \$1.25	.50	4.00
Helianthemum X Mutabile, (Rock Rose). Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. Mixed colors. 8 to 12 in.....		.20	.80
Helianthus (Sunflower) Maximilianus. Early-flowering, yellow. 3 ft.....	1/8 oz., 70c	.35	4.00
Angustifolius. Autumn Glory. Yellow, free-blooming. Good cut-flower, 3 ft.....		.25	1.20
Harvest Moon (Laetiflorus), Semi-double. The prettiest of the hardy sunflower group. Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color. September. 4 ft.....	1/8 oz., \$1.00	.50	....
Rigidus Daniel Dewar. Semi-double, golden-yellow flowers. July-August. 4 ft.....	1/8 oz., \$1.00	.50	....
Perennial Varieties. Mixed.....	1/4 oz., \$1.00	.50	....
Heliopsis Pitcheriana. Golden yellow, 4 ft.....		.15	.60
Scabra Zinniaeflora. Yellow semi-double, 3 ft.....		.15	.80
Soleil d'Or. Golden yellow, 5 ft.....		.15	.60
Helleborus Niger, Christmas Rose. Seed germinates very slowly. 15 in.....	lb., \$5.00	.15	.50
Hesperis Matronalis (Sweet Rocket), red, 40 in. lb., 2.80		.10	.30
Matronalis Alba. White, 40 in.....	lb., 2.80	.10	.30
Mixed.....	lb., 2.80	.10	.30
Heuchera X Sanguinea. Crimson, 30 in. 1/4 oz., 1.40		.50	5.00
Sanguinea Splendens. Bright vermilion. 1/4 oz., 1.40		.50	5.00
Hybrida Grandiflora. Mixed, 30 in. 1/8 oz., 1.00		.50	....
Maxima. Crimson, 30 in.....	1/8 oz., 1.40	.50	....
Brizoides. Rosy, 30 in.....	1/4 oz., 1.40	.50	5.00
Hibiscus Giant Yellow Sunset or Golden Bowl, 2 ft..		.15	.60
Crimson Eye. White with red eye, 4 ft. lb., \$6.00		.15	.60
Moscheutos Roseus. 4 ft.....		.15	.60
Mallow Marvels. Mixed, 4 ft.....	lb., 4.00	.10	.40
Red, 4 ft.....	lb., 7.00	.20	.80
Rose.....		.20	.80
Hieracium X Villosum. Yellow, silvery leaves, 12 in.....	1/4 oz., 50c	.25	....
Hollyhocks. Double.			
Appleblossom.....	1/4 oz., 40c	.25	1.20
Blood Red.....	lb., \$14.00 1/4 oz., 40c	.25	1.20
Crimson.....	lb., \$14.00 1/4 oz., 40c	.25	1.20

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Seeds of Biennials and Hardy Perennials



LILIUM Philippinense



LILIUM Tenuifolium



LOBELIA Cardinalis

HOLLYHOCKS Double—Continued

	Trade	pkt	Oz.
Lilac Beauty.....	1/4 oz., 40c	\$0.25	\$1.20
Maroon.....lb., \$14.00	1/4 oz., 40c	.25	1.20
Deep Rose.....lb., \$14.00	1/4 oz., 40c	.25	1.20
Pink.....lb., \$14.00	1/4 oz., 40c	.25	1.20
Newport Pink.....lb., \$14.00	1/4 oz., 40c	.25	1.20
Salmon Rose.....lb., \$14.00	1/4 oz., 40c	.25	1.20
White.....lb., \$14.00	1/4 oz., 40c	.25	1.20
Yellow.....lb., \$14.00	1/4 oz., 40c	.25	1.20
Dr. Faust, Black.....	1/4 oz., 40c	.25	1.20
Imperator, Improved. New formation, frilled and fringed edges.....	1/4 oz., 50c	.35	1.80
Kew Garden Pink. Satiny pink.....		.35	2.00
Queen of Sheba. Primrose with rose.....	1/4 oz., 50c	.25	1.40
Triumph. Double waved and fringed flowers in delicate art shades.....	1/4 oz., 85c	.50	3.00
Sensation. Monstrous flowers, uniformly double of clear silvery salmon-pink.....	1/4 oz., 40c	.25	1.40
Chater's Prize. Double Mixed.....lb., \$12.00		.25	1.00
Single Black, Pink, Red, Rose, Salmon, White and Yellow, each.....	1/4 oz., 40c	.25	1.40
Single mixed.....lb., \$5.00		.15	.50
Exquisite. Mixed colors, curled edges.....	1/4 oz., 50c	.35	1.80
Allegheny. Mammoth-flowering, mixed.....lb., \$5.00		.15	.50
Alameda Pink. Wonderful new single pink.....		.25	1.40
Everblooming Single Hybrids.....lb., \$4.40		.15	.50
Double and Single Hybrids, mixed.....lb., 5.00		.15	.50
Horminum X Pyrenaicum . "Dragon's Mouth." Large rosettes of dull green foliage from which rise sprays of violet-blue flowers. 1 ft.....		.75	.....
Humulus Lupulus (Common Hop).....	1/4 oz., 40c	.25	1.40
Hyacinthus Candicans . White yucca-like flowers, 4 ft.....lb., \$4.00		.15	.50
Incarvillea Delavayi . Rosy-carmine, 24 in.....	1/4 oz., \$1.40	.50	5.00
Grandiflora. Amaranth red, 2 ft.....	1/4 oz., \$1.40	.50	5.00
Brevipes. Bright deep rose. 2 ft.....	1/8 oz., \$1.00	.50	7.00
Hybrida Bee's Pink Large light rose flowers. 18 in. 100 seeds \$2.25; 1000 seeds \$20.00			
Inula X Ensifolia . Dwarf, golden, 12 in.....	1/4 oz., \$1.00	.35	
Glandulosa Grandiflora. Orange. 2 ft.....	1/8 oz., 1.20	.50	
Iris Kaempferi , Japanese Iris. Most seedlings bloom the second year. 18 in.....lb., \$ 6.00		.15	.60
Large-Flowering (German) Hybrids.....lb., 10.00		.25	1.00
Isatis Glauca . Foliage silvery gray-green, flowers bright yellow freely produced. 2 ft.....		.15	.60
Kenilworth Ivy X Linaria Cymbalaria , pink.....	1/4 oz., 50c	.25	1.60
Kudzu Vine . Pueraria Thunbergiana. Fragrant, wistaria-like flowers.....lb., \$3.00		.10	.30
Lathyrus Latifolius . (Everlasting Pea), mixed.....lb., \$5.00		.15	.50
Latifolius Pink Beauty, very fine, 6 ft.....lb., 6.00		.15	.60
Red. Magenta, 7 ft.....lb., 6.00		.15	.60
White Pearl, 5 ft.....lb., 8.00		.20	.80
Lavandula Vera . True Sweet Lavender.....		.....	.....

	Trade	pkt.	Oz.
Liatris (Blazing Star.) Spicata . Purple rose, 20 in.....	1/4 oz., 40c	\$0.25	\$1.40
Pycnostachya . Purple. Aug. to Oct. 4 ft.....		.20	1.00
Scariosa . Rose-purple, 4 ft.....	1/4 oz., 50c	.35	1.80
Lilium Gloriosum . Colors range from pure white, rich ivory, and cream to deep sulphur. Blooms readily the second year from seed. Good cut flower variety. Originator's stock .100 seeds, 75c; 1000 seeds, \$6.00			
Philippinense Formosanum . If seed is sown in spring will bloom in September. Large umbels of fine white, like an Easter Lily.....lb., \$22.00; 1/4 oz., 55c		.25	1.60
One customer writes: Last year we started our seed in February, in the greenhouse, the bulbs bloomed in August and September. The bulbs were taken up and some are still flowering now (Dec. 25). I have one stalk today with 5 blooms."			
Regale, Regal Lily . Pink outside, interior primrose-yellow, 3 to 5 ft.....		\$0.25	\$1.00
Tenuifolium (Siberian Coral Lily) 20 in.....lb., \$12.00		.25	1.00
Linaria . X Cymbalaria , 3 in.....	1/4 oz., 50c	.25	1.60
Alpina X Purple blotched orange, 4 in.....	1/8 oz., \$1.35	.50	.....
Dalmatica . Yellow with orange lip, 36 in.....		.25	1.00
Linum Perenne (Perennial Flax). Blue. 30 in.....lb., \$3.60		.10	.40
Perenne Fl. Album. White. 30 in.....lb., 3.80		.10	.40
Mixed.....		.10	.40
Alpinum X Pale blue . Prostrate habit.....			
Flavum . Yellow. 1 ft.....	1/4 oz., 85c	.35	.300
Compactum Nanum X Glowing golden yellow , dark green foliage. Everbloomer.....		.50	.....
Narbonense . Steel-blue, large-flowering. 30 in.....	1/4 oz., 60c	.35	2.20
Lobelia Cardinalis (Cardinal Flower). 36 in.....	1/4 oz., \$1.20	.50	4.00
Syphilitica . Blue. 24 in.....	1/4 oz., 80c	.35	...
Lunaria Biennis Alba (Honesty or Peter's Pence) 40 in.....lb., \$ 5.00		.15	.60
Biennis . Crimson, 4 ft.....		.15	.60
Mixed.....lb., 5.00			
Lupinus Polyphyllus . Albus. Large, pure white spikes. 2 to 3 ft.....lb., 3.00		.10	.30
Arms of Enkhuizen. Creamy white.....	1/4 oz., 40c	.25	1.20
Blue. Stately spikes of blue, 3 ft.....lb., 2.80		.10	.30
Chocolate Soldier. Yellow, passing to chocolate....		.35	2.00
Luteus. A strain of varying yellow shades, of the true polyphyllus type, coming fairly true from seed.....		.25	1.60
Sunshine. Golden yellow. 30 in.....lb., \$8.00		.15	.80
Moerheimi. Beautiful soft pink, 2 to 3 ft.....lb., 10.00		.25	1.00
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate.....lb., \$8.00		.15	.80
Downer's Hybrids. Perpetual flowering new hybrids.....lb., \$6.00		.15	.60

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LUPINUS Polyphyllus



LYCHNIS Chalcedonica



POPPY Nudicaule or Iceland

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
LUPINUS Polyphyllus —Continued			
Roseus. Light and dark rose flowers. 3 ft.	lb., \$8.00	\$0.15	\$0.80
Lavender Queen. Lavender tinted pink 3 ft.	lb., \$12.00	.25	1.00
Princess Juliana. Lovely pink. 3 ft.	lb., \$12.00	.25	1.20
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins, English and other European strains being chosen to give the utmost variety.			
..... lb., \$18.00; ¼ oz., 50c	.25	1.60	
Mixed. Splendid value.	lb., 2.60	.10	.25
Lychnis Alpina × Rose, 12 in.			
Arkwrightii. A cross between Chalcedonica and Haageana. May. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. 2 to 3 ft.	¼ oz., 50c	.25	1.40
Chalcedonica Alba. White. 36 inch.	lb., \$4.80	.15	.80
Salmon Queen. Beautiful salmon shade. 3 ft.	¼ oz., 35c	.20	1.00
Scarlet, 36 in.	¼ oz., 60c	.15	.50
Haageana Hybrida. Mixed, extra choice, 18 in.	¼ oz., 45c	.25	1.40
Scarlet, 18 in.	¼ oz., 60c	.25	2.00
Viscaria Splendens. Early, deep rose, 16 in.	lb., \$6.00	.15	.50
Lythrum Roseum Superbum . Rose-pink, 40 in. ....		.15	.60
Malva Moschata . Rose, 3 ft. ....		.15	.40
Matricaria Capensis Alba Plenissima . Best white, 24 in.			
..... lb., \$4.80	.15	.50	
Golden Ball. Yellow. 8 in. ....		.25	1.60
Snowball, 8 in. ....		.25	1.80
Meconopsis Baileyi . It is a graceful plant with downy pale green leaves, the brilliant Cambridge-blue pendant flowers, 4 inches across, being carried singly on stems about 2 feet high. Thriving best in a shaded position.			
..... 250 seeds, 50c			
Monarda Didyma Cambridge Scarlet . Brightest glowing scarlet. July-August, 30 in.			
.....	1.00		
Hybrida. Mixed. 36 in. ....	.35	2.00	
Myosotis . See Forget-Me-Not.			
Nepeta Mussini ×. Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft.			
..... ¼ oz., 60c	.35	2.20	
Oenothera Clutei . From a large rosette of basic leaves it throws up a stout central stalk some 4 ft. in height bearing in great profusion large flowers of a soft yellow hue. Does not close its petals during the day.			
..... ¼ oz., 45c	.25	1.40	
Fraseri. Deep yellow. 24 in.	¼ oz., \$1.00	.50	
Trichocalyx . The flowers also remain open all day. The plant is 12 to 15 inches high, compact and branching. Large flowers of pure white, with golden anthers.			
..... ¼ oz., 85c	.35	3.00	
Macrocarpa (Missouriensis) . Yellow, June-Sept. 6 in.			
..... ¼ oz., 85c	.50	3.00	
Youngi. Large yellow bloom. 18 in.	¼ oz., \$1.20	.50	4.00

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	Trade	pkt.	Oz.
Papaver (Poppy) Alpine × Mixed, 10 in.			
..... ⅛ oz., 60c	\$0.25	\$4.00	
Bracteatum. Scarlet., 32 in.	lb., \$ 6.00	.15	.60
Nudicaule × (Iceland). Mixed, 16 in.	lb., 8.00	.20	.80
Yellow, Orange and White and Sulphureum, each lb., 8.00			
.....		.20	.80
Coonara Pink Shades. Pink.	¼ oz., 60c	.25	2.00
El Monte. Deep tangerine orange.	¼ oz., \$1.00	.25	3.00
Gibson's Giant Orange. ....		.25	1.60
Double Mixed. ....		.25	1.40
Sunbeam. Deep yellow.	¼ oz., 60c	.25	2.00
Orange.	¼ oz., 60c	.25	2.00
White.	¼ oz., 60c	.25	2.00
Mixed.	lb., \$14.00	.25	1.20
Oriente (Oriental Poppy). Scarlet.	lb., 8.00	.20	.75
Brilliant. Brilliant fiery red. 40 in.	¼ oz., 50c	.25	1.80
Beauty of Livermere, crimson-black blotches.	¼ oz., 75c	.35	2.40
Carneum . Light and dark salmon pink shades. 70% true. 40 in.			
..... ¼ oz., \$1.25	.50	4.00	
Goliath. Brilliant scarlet.	¼ oz., 1.25	.35	4.00
Hybrids. New varieties, mixed.	lb., \$11.00	.20	1.00
Mahoney. Maroon crimson. 40 in.	¼ oz., 1.20	.35	4.00
Mrs. Perry. Salmon-rose.	⅛ oz., \$2.00	1.00	....
Perry's White. ....		.50	....
Princess Victoria Louise. Soft salmon-rose. 40 in.	¼ oz., 70c	.25	2.40
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower.			
.....	1.00	....
The named varieties of Oriental Poppies do not come 100 per cent true from seed.			
Pentstemon . Large-flowering hybrids, mixed ¼ oz., 70c			
Blue Gem × Flowers bright blue. June to August. 1 to 2 ft.	¼ oz., 50c	.25	1.60
Digitalis. White tinted violet, 36 in. ....		.15	.80
Glaber. Dwarf, blue, 36 in. ....		.25	1.20
Pubescens. Reddish blue, lips white, 18 in. ....		.20	1.00
Sensation. A wonderful mixture, 30 in.	⅛ oz., 50c	.35	3.00
Red varieties.	¼ oz., \$1.00	.35	
Pink varieties.	¼ oz., \$1.00	.35	
Violet shades.	¼ oz., \$1.00	.35	
Southgate Gem. Crimson-scarlet, 24 in.	¼ oz., 1.00	.35	
Peony . Double Chinese, mixed. 2 ft.			
Phlox Decussata . Perennial varieties mixed. Seed germinates slowly. 3 ft.			
.....	\$14.00	.25	1.00
Physalis Franchetti (Chinese Lantern Plant), 28 in.			
.....		.20	.80
Physostegia Virginica . Rosy lilac, 4 ft.			
..... ¼ oz., 45c	.25	1.40	
Virginia Alba. White, 36 in.	¼ oz., 45c	.25	1.40
Compacta. Dwarf, rose.	¼ oz., 50c	.25	1.80
Gigantea. Lilac-rose, 4 ft.	¼ oz., 50c	.25	1.80
Platycodon Grandiflora , blue, 28 in.			
..... lb., \$14.00	.25	1.00	
Grandiflora Early Flowering Blue. 28 in.	¼ oz., 50c	.25	1.80
Grandiflora Alba. White, 28 in.	¼ oz., 65c	.25	2.20
Grandiflora Early Flowering White. 28 in. ....		.25	1.60
Mixed, 28 in. ....		.35	2.80
Mariesi . Dark blue, dwarf, 16 in.			
Alba. White and faint blue, dwarf, 16 in.	¼ oz., 90c	.35	3.20

Seeds of Biennials and Hardy Perennials



STATICE Latifolia (Sea Lavender)



SCABIOSA Caucasica, House's New Hybrids



THALICTRUM Aquilegifolium

	Trade	pkt.	Oz.
Polemonium Coeruleum. Blue, Jacob's Ladder. 30 in.	\$0.15		\$0.50
Coeruleum Album. White, 30 in.	.15		.60
Prima Donna. Dwarf, delicate blue, 12 in.	.15		.60
Reptans X Pale bluish purple. 6 in.	.50		....
Richardsoni, Dwarf, blue, early, 20 in	.15		.80
Polyanthus. Mixed (Primula Veris), 10 in.	1/4 oz.	\$1.20	.50 4.00
Veris, Hardy Primrose, Excelsior strain	1/8 oz.	\$1.80	1.00
Potentilla Formosa X Light red, 12 in.	1/4 oz.	.50c	.25 1.80
Nepalensis X Miss Willmott. Bright carmine, 12 in.	.25		1.80
Roxana. Brilliant salmon with darker veins, 18 in.	.50		....
Rupestris X. White, 12 in.	1/4 oz.	.50c	.25 1.80
Double Mixed, 20 in.	1/8 oz.	\$1.20	.50 8.00
Single Mixed, 26 in.	1/4 oz.	.25c	.15 .80

PRIMULA

Auricula. X Extra choice mixed. 6 in.	1/8 oz.	.65c	.35 4.00
Large Flowering mixed.	1/8 oz.	\$1.00	.50
Giant Flowered. Mixed.	1/8 oz.	\$2.25	1.00
Beesiana. X Purple with large yellow eye. 16 in.	1/8 oz.	\$1.40	.50
Bullesiana Hybrida. X Fine shades of yellow, orange, apricot and carmine. May-June. 18 in.	1/8 oz.	\$1.40	.50
Cashmiriana. Lilac, early, hardy, 12 in.	1/32 oz.	\$1.80	.75
Cortusoides. Rose, 10 in.	1/8 oz.	\$2.00	.50
Denticulata Hybrida Grandiflora X. 12 in.	1/16 oz.	\$1.80	.50
Floribunda Grandiflora. Yellow, for pots. 1 ft.	....		.75
Florindae. Fragrant, bright yellow pendant flowers. 3 to 4 ft.	....	1,000 seeds, 50c	
Helodoxa. Tall slender spikes of golden yellow flowers. 2 ft.	....	1,000 seeds 50c,	
Hybrida Red Hugh X Intense fiery red flowers produced in tiers growing to two feet in height. June.	....		.75
Japonica. All Red X	1/32 oz.	\$1.00,	.50
Japonica mixed. X White, purple, black and carmine, spring, 15 in.	1/4 oz.	85c	.50 3.00
Japonica. X Special strain. 20 in.	1/16 oz.	\$1.50	.75
Pulverulenta. X Shining purple-carmine. May-June. 16 in.	1/8 oz.	\$1.00	.50
Bartley Strain. Beautiful shades of rose and pink, 3 ft.	1/32 oz.	\$1.20	.75
Rosea Grandiflora. X Rose-carmine, May-June. 8 in.	....	1-32 oz., \$1.00	.50
Sieboldii (Cortusoides amoena grandiflora). 10 in.	....	1,000 seeds	2.50
Sikkimensis. Yellow. 15 in.	....		.50
Veris (Polyanthus). X Fine mixed. Spring. 12 in.	1/4 oz.	\$1.20	.50 4.00
Grandiflora. X Mixed. 1 ft.	1/8 oz.	\$1.00	.50 6.00
Excelsior strain of large-flowering varieties.	1/8 oz.	\$1.80	1.00
Coerulea. X Dark Blue. 1 ft.	....	
100 seeds, 75c; 250 seeds, \$1.65; 1,000 seeds, \$5.00	....	

PRIMULA VERIS KLEYNII

The result of years of painstaking selection by an expert who worked this up for winter cut flowers for the high-class buyers in the New York Market. It has heavy stems, average length 8 to 12 inches carrying immense heads of 15 to 25 florets, each floret 1" to 1 1/2" in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves.

100 seeds 75c; 1000 seeds \$6.00

PRIMULA Veris—Continued	Trade	pkt.	Oz.
Gigantea Teicher's Giant Mixed	....		....
100 Seeds 65c; 1000 Seeds \$5.00	....	
Lutea. X Yellow, 12 in.	1/16 oz.	\$1.00	\$0.50
White, 12 in.	1/16 oz.	\$1.20	.50
Red shades. 12 in.	1/16 oz.	\$1.20	.50
Munstead Strain. X Flowers of largest size, fine shades including yellow and white, 12 in.	1/8 oz.	\$1.00	.50 \$6.00
Vulgaris X (Acaulis). Yellow Primrose, 6 in.	1/4 oz.	.85c	.35 3.00
Pueraria Thunbergiana (Kudzu Vine) ....lb.,	\$3.00	.10	.30
Ranunculus Asiaticus Superb. Mixed. ....lb.,	\$5.40	.15	.60
Asiaticus Ragionieri. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in.	1/4 oz.	\$1.60	.75 6.00
Palafior. Special selected mixture.	....		....
Rehmannia Angulata. Rose and red shades, 24 in.	1/8 oz.	\$1.00	.50 6.00
Romneya Coulteri (California Giant Poppy). Beautiful snowy white fragrant flowers. 4 ft.	1/4 oz.	.60c	.35 2.00

PYRETHRUM

Roseum. Pink, 30 in.	1/4 oz.	.60c	.35 2.00
Album. White, excellent.	1/4 oz.	.50c	.35 1.80
Atrosanguineum. Dark red shades.	1/4 oz.	.90c	.50 3.00
Carneum. Flesh.	1/4 oz.	.50c	.35 1.80
James Kelway. Dark blood red.	1/4 oz.	.90c	.50 3.00
Hybridum. Single mixed.	....lb., \$12.00; 1/4 oz.	.40c	.25 1.20
Grandiflorum. Giant mixed.	....lb., \$20.00; 1/4 oz.	.60c	.35 2.00
Comet-Flowered. Single and semi-double with twisted petals.	1/8 oz.	.50c	.35 3.20
Double mixed. Extra choice.	1/8 oz.	.75c	.50 5.00
Double and single mixed.	1/4 oz.	.90c	.35 3.00
Ptarmicaeflorum. Silvery white, graceful feathery foliage. 6 in.	....		.35
Uliginosum. White, 4 ft.	1/4 oz.	.90c	.35 3.20

Rock plants are followed by X and the height given are of the plants when in bloom.



TROLLIUS (Globe Flower)



SALVIA Azurea Grandiflora



VALERIANA (Garden Heliotrope)

Seeds of Biennials and Hardy Perennials

	Trade	pkt.	Oz.
Rosemary.....	\$0	15	\$.60
Rudbeckia Newmanii. Vivid yellow, 24 in.	1/4 oz., 45c	.25	1.40
Purpurea (Echinacea). 4 ft.	1 lb., \$14.00	.25	1.20
Fulgida. Yellow, disc dark, very free, 38 in.	1/4 oz., 25c	.15	.80
Hirta (Black-Eyed Susan) yellow, black center, 24 in. . . . .	.25	1.60	
Salvia Argentea (Silver-leaved Sage). 36 in. . . . .	.15	.60	
Azurea Grandiflora. (Pitcher) Stately willow-like growth, spikes of pale blue flowers, in fall. 4 ft.	1/4 oz., 40c; lb., \$18.00	.25	1.40
Blue Beard. Dark blue. 1 ft. . . . .	.15	.60	
Nemorosa Superba. Deep violet, 2 1/2 ft. . . . .	.25	1.40	
Nutans. Blue, 3 ft. . . . .	.25	1.60	
Patens. Sky-blue, 30 in.	1/4 oz., 70c	.35	2.60
Pratensis. Dark blue, 30 in. . . . .	.25	1.40	
Pratensis Atro-violacea. Dark violet. 20 in.	1/4 oz., .50c	.25	1.60
Turkestanica. White, bracts white to lilac. 4 1/2 ft. . . . .	.25	1.20	
Verbascifolia Syria. Flower spikes tall. Flowers dark blue, hairy within and without. 18 in. 5 ft. . . . .	.20	1.00	
Saponaria X Ocyroides Splendens. Pink, trailing, summer, 12 in. . . . .	.15	.60	
Officinalis. Bouncing Bet, whitish, 2 ft. . . . .	.15	.80	
Saxifraga Aizoon X 6 in. Creamy white silver braided	.75		
Cordifolia X A fine rock plant, 24 in.	1/32 oz., \$1.50	.75	
Cordifolia Splendens. X Vivid rose.	1-32 oz., 1.50	.75	
Decipiens Grandiflora. X White, 18 in.	1/8 oz., 1.20	.50	
Hybrida. Bedding Queen. X Deep carmine. 8 inches.	1/32 oz., \$1.25	.50	
Hybrida. Purple Robe. X Carmine, with purple reflex, 8 in.	1/32 oz., \$1.00	.50	
Hypnoides X. White, trailing, 6 in.	1-16 oz., 1.50	.75	
Lingulata Leichtlini. Vivid rose, 28 in.	1-32 oz., 1.50	.75	
Megasea Species. The plants have large leathery leaves with short stemmed racemes of flowers. Early spring . . . . .	.75		
Rhei superba. X Rose, May-July. 12 in.	1-16 oz., \$1.00	.50	
Perennial Species mixed.	1/8 oz., \$1.20	.50	
Mossy Varieties mixed.	1-16 oz., \$1.00	.50	
Scabiosa Caucasica. Lavender. 40 in.	1/4 oz., 60c; lb., \$26.00	.35	2.00
Caucasica Alba. Pure white, 40 in. . . . .	.35	3.00	
Perfecta. Lavender. 40 in.	1 lb., \$34.00	.50	2.80
House's New Hybrids. Flowers very large and of beautiful form ranging in color from light azure-blue and lavender to deep blue and silvery white.	1 lb., \$40.00	.50	3.00

SCABIOSA—Continued

	Trade	pkt.	Oz.
Columbaria Delicate Pink. Deep rosy mauve. 2 ft.	1/4 oz., 70c	\$0.50	\$2.40
Delicate Lavender. 2 ft.	1/4 oz., 70c	.50	2.40
Japonica. Clear blue flowers, 30 in.	1 lb., \$5.00	.15	.50
Scutellaria X Coelestina. Pretty blue Siberian rock plant. . . . .	.50		
Sedum X Acre (Golden Moss). 3 in.	1/8 oz., \$1.00	.35	
Aizoon. Yellow with brown. 5 in.	1/16 oz., \$1.00	.50	
Anglicum. Foliage blue-green, numerous flower spikes, white with peach blossom. June-July, 4 in.	1/16 oz., \$1.50	.50	
Hybridum. Yellow. 6 in. . . . .	.50		
Middendorffianum. Creeping. Buds orange, flowers dark golden-yellow. July. 6 in. . . . .	.50		
Reflexum. Blue-green foliage, flowers yellow. Creeping. June-July. 10 in. . . . .	.50		
Spurium. Pink flowers. 6 in.	1/16 oz., \$1.20	.50	
Coccineum. Brilliant deep rose. . . . .	.50		
Sempervivum X Perennial species. Mixed.			
Senecio Clivorum Orange Queen. Stately border plant; loves moisture. Orange flowers. July. 4 ft.	1/8 oz., \$1.00	.50	
Othello. A purple foliaged variety, with dark orange flowers. July-August. 4 ft.	1/8 oz., \$1.00	.50	
Sidalcea Rose Queen. Rose, 4 ft.	1/4 oz., 40c	.25	1.40
Rosy Gem. Mallow rose, 18 in.	1/4 oz., 40c	.25	1.40
New Hybrids.	1/4 oz., 50c	.35	1.80
Silene Orientalis. Dark rose, 30 in. . . . .	.10	.40	
Alpestris X Sheets of glistening white flowers from May to July. Prefers shade. 6 in.	1/8 oz., 60c	.25	
Asterias Grandiflora. Carmine, 18 in.	1/4 oz., 50c	.25	1.80
Saxifraga. White. 10 in.	1/4 oz., 60c	.35	
Schafta X Rose, July. 8 in.	1/4 oz., 45c	.25	1.40
Sisyrinchium X Anceps. Blue-eyed grass. Pretty little iris with grass-like foliage; flowers deep blue with darker eye. May. 7 in.	1/4 oz., 60c	.25	
Solidago (Golden Rod). X Virgo-aurea Alpestris. Yellow, spring. 10 in. . . . .	.25	1.20	
Spergula Piliifera X A hardy evergreen suitable for grass edging or rockwork, 4 in.	1/4 oz., \$1.65	.50	
Stachys Lanata. Silver leaves, purple flowers, 24 in. . . . .	.15	.50	
Statice Latifolia. Blue. Fine for winter bouquets.	1 lb., \$14.00	.25	1.00
Caspia. Large, lilac, 30 in.	1/4 oz., 60c	.35	2.00
Dumosa. New. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in.	1/8 oz., \$1.00	.50	6.00
Incana Nana Alba, white, 14 in.	1 lb., \$8.00	.15	.80
Perezii. Violet blue, 30 in. . . . .	.35	1.40	
Tatarica. White. 18 in.	1 lb., \$8.00	.15	.80

Rock Plants are followed by X and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Stokesia <i>Cyanea</i> (Stokes' Aster). Sky-blue, 16 in.	\$0.25	\$1.20
<i>Cyanea Alba</i> . White. 16 in. ....	.35	1.60
Mixed. ....	.25	1.30
Thalictrum <i>Aquilegifolium</i> Mixed (Meadow Rue).		
Graceful foliage, mixed colors, 40 in. ....	.25	1.80
<i>Adiantifolium</i> . Flowers yellow, 18 in. ....	.25	1.40
<i>Dipterocarpum</i> . Rosy purple. 4 to 5 ft. ....	.35	2.40
<i>Flavum</i> . Yellow, 4 ft. ....	.15	.60
<i>Glaucum</i> . Bronze-yellow, June, 4 ft. ....	.15	.60
Thermopsis <i>Caroliniana</i> . Yellow pea-shaped flowers in long racemes. Very attractive. Summer. 3 ft. ....	.50	
Thymus <i>Serpyllum</i> . X (Wild Thyme). Creeping purple flowers. ....	.15 oz. \$1.00	.50
Tritoma <i>Uvaria Grandiflora</i> (Red-Hot Poker Plant). 40 in.	lb., \$26.00	.35 2.00
<i>Hybrida</i> , Perpetual-Flowering. 3 ft.	lb., \$14.00	.25 1.20
Express. Early-flowering, yellow. 3 ft. ....	.25	1.20
<i>Mirabilis</i> . Yellow, blooms first year. 3 ft. ....	.35	2.20
Trollius <i>Ledebouri</i> , Orange. 2 ft. ....	.35	4.00
Golden Queen. Flowers intense orange, very large, vigorous plants from 3 to 4 ft. high. Blooms early Summer. ....	.15 oz., \$1.50	.50 10.00
<i>Europaeus</i> . Yellow. 20 in. ....	.35	2.40
Mixed. ....	.50	3.00
Put Trollius seed 30 seconds in boiling water before sowing.		
Tunica X <i>Saxifraga</i> . Lilac-rose, May. 10 in. ....	.15	.60
Valeriana <i>Alba</i> (Garden Heliotrope). 36 in. ....	.15	.60
<i>Rubra</i> (Coccinea). 36 in. ....	.15	.60
Officialis. Heads of rose-tinted white flowers June-July with strong heliotrope odor. 3 to 4 ft. ....	.25	2.00
Verbascum <i>Miss Wilmot</i> . Large white flowers, 5 ft. ....	.25	1.10
<i>Harkness Hybrids</i>. ....	.15	.80
<i>Olympicum</i> . Silvery foliage, golden-yellow flowers 6 ft. ....	.35	1.80
<i>Phoeniceum Hybrids</i> . Mixed, 2 ft. ....	.15	.60
Veronica <i>Amethystina</i> . X Long racemes of bright blue flowers, 1 ft. ....	.35	2.00
<i>Incana</i> . Ageratum-blue, silvery foliage, 12 in. ....	.35	2.00
<i>Spicata</i> . Various shades, 18 in. ....	.35	1.60
<i>Spicata Dwarf Blue</i> X 1 ft. ....	.50	3.40
<i>Longifolia</i> . Compact clusters of blue flowers, 30 in. ....	.25	1.20
.....	.35	1.80
<i>Hendersoni Nana</i> . Dark blue. 12 in. ....	.35	1.80

VERONICA—Continued

	Trade pkt.	Oz.
<i>Teucrium Prostrata</i> . Mixed. ....	.14 oz., 90c.	.35 \$3.20
<i>Teucrium Royal Blue</i> . 1 ft. ....	.14 oz., 55c.	.35 1.80
<i>Repens</i> . X Dwarf branching, pale blue. ....	.18 oz., 80c.	.50
<i>Perennial Species</i> . Mixed. ....	.14 oz., 50c.	.35 1.80
Viola X <i>Arkwright Ruby</i> . Bright ruby crimson, shaded terra cotta with central markings; fragrant. ....		.35
<i>Bosniaca</i> . Free-blooming, rose magenta flowers, summer, 4 in. ....	.14 oz., 70c.	.35 2.40
<i>Cornuta</i> . <i>Admiration</i> . Dark blue. 8 in. ....	.14 oz., 50c.	.35 1.80
<i>Apricot</i> . Beautiful rich apricot shades tinged orange towards center. ....	.18 oz., 90c.	.50 6.00
<i>Black Prince</i> . 8 in. ....	.14 oz., 50c.	.35 1.80
<i>Blue Perfection</i> . Light blue. 8 in. ....	.14 oz., 50c.	.35 1.60
<i>G. Wermig</i> . Rich violet-blue, 8 in. ....	.18 oz., \$1.25	.50 8.00
<i>G. Wermig Alba</i> . White, 8 in. ....	.14 oz., 60c.	.35 2.00
<i>Hansa</i> . A clear deep violet blue, long stemmed flower. Plant of compact habit. ....	.18 oz., 90c.	.50 6.00
<i>Jersey Gem</i> . Blue. 8 in. ....	.18 oz., \$3.00	1.00 20.00
<i>Lutea Splendens</i> . Golden yellow. 8 in. ....	.14 oz., 50c.	.35 1.80
<i>Mauve Queen</i> . 8 in. ....	.14 oz., 50c.	.35 1.80
<i>Papilio</i> . Blue and white, 6 in. ....	.14 oz., 50c.	.35 1.80
<i>Primrose Dame</i> . Sulphur yellow. 8 in. ....	.14 oz., 60c.	.35 2.00
<i>Puck</i> . The 2 upper petals are clear purple-violet, the 3 lower golden-yellow. 6 in. ....	.18 oz., 60c.	.35 2.00
<i>Rosea</i>. ....	.18 oz., 70c.	.35 4.00
<i>Thuringia</i> . Dark blue, white eye. 8 in. ....	.14 oz., 50c.	.35 1.80
<i>White Perfection</i> . White. 8 in. ....	.14 oz., 50c.	.35 1.80
<i>Vaughan's Improved Scotch</i> . Three and five blotched in splendid mixture. ....	.14 oz., 50c.	.35 1.80
Mixed.	lb., \$12.00	.25 1.20
<i>Florariense</i> . Pale lavender. ....	.18 oz., \$2.00	1.00
<i>Gracilis</i> , <i>Lord Nelson</i> . Violet-purple, 6 in. ....		.50
Dark Violet Blue. Free blooming. Flowers same size and color as the Sweet Violet. ....	.18 oz., 95c.	.50 6.00
<i>Johnny Jump Up</i>. ....	.14 oz., 80c.	.35 2.80
Wahlenbergia . See <i>Platyodon</i> .		
Wallflower . Double Tall Branching. Mixed. ....	.14 oz., 65c.	.35 2.40
Early Wonder. Annual Double. New. ....	.14 oz., 85c.	.35 3.00
<i>Goliath</i> . Early flowering single dark brown. 2 ft. ....	.10	.40
Single Mixed.	lb., \$3.00	.10 .40
<i>Parisian Forcing</i> , mixed, 15 in. ....	.15	.60
Annual Blood Red or Yellow, each. ....	.10	.40
Wistaria <i>Sinensis</i> . Violet.	lb., \$2.40	.10 .20
<i>Sinensis Alba</i> . White.	lb., \$4.00	.10 .40
Yucca <i>Filamentosa</i> (Adam's Needle) 5 ft.	lb., \$4.20	.10 .40
<i>Glaucia Angustifolia</i> . Foliage narrow and glaucous green. June-July. 3 ft.	lb., \$7.00	.15 .60

Perennial Seeds for Rock Gardens

	Trade pkt.
ACAENA <i>Glaucia</i> . Silvery blue foliage, for carpeting and rock steps. 2 in. ....	.18 oz., 40c \$0.25
<i>Microphylla</i> . Small-leaved, brownish carpet foliage. 2 in. ....	.25
AETHIONEMA <i>Grandiflorum</i> . Pink. 18 in. 100 seeds. ....	.50
ALLIUM <i>Pulchellum</i> . Brilliant, loose clusters of lilac-red flowers. 16 in. August. ....	.50
ALYSSUM <i>Saxatile Compactum</i> . Golden yellow, 12 in. ....	.15
<i>Saxatile Sulphureum</i> . Sulphur yellow, June, 15 in. ....	.50
ANEMONE <i>Pulsatilla</i> . Violet lilac, April-May, 12 in. ....	.35
<i>Sylvestris</i> . White, April-June, 12 in. ....	.35
ANTIRRHINUM <i>Asarina</i> . A very free-flowering, creeping snapdragon for sunny rock gardens. Color, cream. 6 in. ....	.50
AQUILEGIA <i>Alpina</i> . Blue, April-July, 24 in. ....	.35
<i>Coerulea</i> . Rocky Mountain Columbine. Blue and white, Also other <i>Aquilegia</i> , see Perennial List. ....	.35
ARABIS <i>Alpina</i> . White, spring, 12 in. ....	.15
<i>Alpina Rosea</i> . Vivid rose. 8 in.	1.00
ARMERIA <i>Formosa</i> . Red, early summer, 24 in. ....	.25
<i>Formosa Hybrida</i> . Early summer, 24 in. ....	.25
<i>Lauchiana</i> . Rosy crimson. Early summer, 9 in. ....	.50
<i>Maritima</i> . Lilac rose. Early summer, 12 in. ....	.50
ARENARIA <i>Montana</i> . White, June-August, 12 in. ....	.50
ASPERULA <i>Odorata</i> . White, early spring, 8 in. ....	.15
ASTER <i>Alpinus</i> , <i>Goliath</i> . Soft blue, large, 15 in. ....	.35
<i>Alpinus</i> , <i>Nixe</i> . Light blue, star shaped, 12 in. ....	.35
<i>Subcoeruleus</i> . Light blue, 15 in. ....	.35
AUBRIETIA . Large flowering hybrids, spring, 6 in. ....	.50
<i>Bougainvillei</i> . Dark blue, spring, 6 in. ....	.50
CALAMINTHA <i>Alpina</i> . Blue, May and June, 6 in. ....	.75
CALLIRHOE <i>Involucrata</i> . Trailing plant, large crimson flower. ....	.25
CAMPANULA <i>Carpatica</i> . Blue, July-August, 9 in. ....	.25
<i>Carpatica Alba</i> . White, 9 in. ....	.25

CAMPANULA—Continued

	Trade pkt.
Pusilla . Light blue bells, very free blooming, July, 4 in.	\$1.00
Pusilla Alba . Same as above, but pure white.	1.00
Rotundifolia . Blue, spring, 12 in. ....	.50
Turbinata . Blue, spring, 6 in. ....	.25
<i>Alba</i> . White, spring, 6 in. ....	.25
CANDYTUFT <i>Sempervirens</i> . White, June-July, 12 in. ....	.35
CERASTIUM <i>Tomentosum</i> (Snow in Summer). Silvery white foliage, white flowers, spring, 16 in. ....	.25
CORYDALIS <i>Cheilanthisfolia</i> . Fern-like foliage, golden-yellow flower spikes. April-October. 18 in. ....	.50
<i>Lutea</i> . Gray-green foliage, golden-yellow flowers, constantly in bloom all summer. For borders and walls. 12 in. ....	.50
CYCLAMEN <i>Europaeum</i> . Red. 200 seeds. 4 in. ....	.50
CRUCIANELLA <i>Stylosa</i> . Light red, July, 18 in. ....	.15
DIANTHUS <i>Caesius</i> . Flesh, July, 3 in. ....	.35
<i>Deltoides</i> <i>Brilliant</i> . Rose, summer, 6 in. ....	.35
<i>Neglectus</i> . Fiery red, May-July. Pkt., 1000 seeds \$4.00, 100 seeds, 6 in. ....	.50
<i>Plumarius</i> (Clove Pink). Vaughan's Special Mixture. ....	.25
<i>Spring Beauty</i> . Extra double giant-flowered grass or clove pinks, carnation-like in form and size and with a beautiful range of color. Very fragrant and easy of culture. ....	.50
DODECATHEON <i>Meadia</i> . Lilac. 1 ft. ....	.50
EDELWEISS . White, early summer, 6 in. ....	.50
<i>Sibiricum</i> . Large flowers. ....	.50
ERYSIMUM <i>Pulchellum</i> . Yellow. 6 in. ....	.15
EUPHORBIA <i>Polychroma</i> . Yellow. 1 ft. ....	.50
ERINUS <i>Alpinus</i> . Purple, May-July, 4 in. ....	.50
FORGET-ME-NOT <i>Alpestris</i> . Blue, May-June, 12 in. ....	.15
<i>Alpestris Rosea</i> . Pink. 12 in. ....	.15
<i>Ruth Fisher</i> . Sky blue, May-July. ....	.50
GLOBULARIA <i>Trichosantha</i> . Dark blue, 12 in. ....	.50

PERENNIAL SEEDS FOR ROCK GARDENS—Continued	Trade pkt.
GYPSOPHILA Repens. White, summer. 6 in.	\$0.25
HELIANTHEMUM Mutabile. Pale rose, changing to lilac and white, June-Aug. 12 in. ....	.20
HEUCHERA Sanguinea. Crimson, June. 30 in. ....	.50
Sanguinea Hybrida. Grandiflora, mixed colors, June. 30 in. ....	.50
INULA Ensifolia. Yellow, July-Sept. 12 in. ....	.35
LINARIA Cymbalaria (Kenilworth Ivy). Violet, 3 in., May. ....	.25
Dalmatica. Yellow, orange lip. 36 in. ....	.25
LYCHNIS Alpina. Rose. 3 in. ....	.50
NEPETA Mussini. Bright blue, 1 ft., all summer. ....	.35
OENOTHERA Macrocarpa. (Missouriensis.) Yellow. June-Sept. 6 in. ....	.50
PLATYCODON Mariesii Blue. Deep blue. Dwarf. 16 in. ....	.35
Mariesii Alba. White. Dwarf. 16 in. ....	.35
POPPY Alpine. Mixed. 6 in. ....	.25
Nudicaule (Iceland) Mixed. 16 in. ....	.20
Sunbeams new hybrids. ....	.25
Double mixed. ....	.25
PRIMULA Bessiana. Glowing velvety purple with yellow eye. May-June. 18 in. ....	.50
Bullesiana Hybrida. Fine shades of yellow, orange, apricot, and carmine, May-June. 18 in. ....	.50
Japonica, Mixed white, purple, lilac, carmine, spring, 15 in. ....	.50
Pulverulenta. Shining purple carmine, May-June, 16 in. ....	.50
Rosea Grandiflora. Rose carmine, May-June, 8 in. ....	.50
Veris (Polyanthus). Large flowering, mixed, spring, 9 in. ....	.50
Yellow. 12 in. ....	.50
Munstead strain. Flowers of largest size, fine shades including yellow and white, spring, 12 in. ....	.50
PYRETHRUM Roseum (Painted Daisy). Hybridum Grandiflorum. Single Mixed. ....	.35
RANUNCULUS Asiaticus. Superb Mixed, May Variable in color, generally double in form, 12 in. ....	.15
SAPONARIA Ocymoides Splendens. White and crimson. Trailing. Summer. 12 in. ....	.15
SAXIFRAGA Decipiens Grandiflora. Masses of white flowers, 18 in. ....	.50
Cordifolia Splendens. Bright rose pink. 2 ft. ....	.75
Lingulata Leichtlini. Bright red. 28 in. ....	.75

SAXIFRAGA—Continued	Trade pkt.
Rhei Superba. Rose, May-July, 12 in.	\$0.50
Perennial Species. Mixed. ....	.50
Mossy Varieties. Mixed. ....	.50
SCUTELLARIA Coelestina. Blue. 9 in. ....	.50
SEDUM Acre (Golden Moss) Yellow. June-July, 3 in. ....	.35
Aizoon. Yellow and brown, for rocks and borders. July. 5 in. ....	.50
Anglicum. Foliage blue-green, numerous flower-spikes, white, with peach blossom. June-July. 4 in. ....	.50
Hybridum. Yellow. 6 in. ....	.50
SILENE Alpestris. Sheets of glistening white flowers from May to July. 6 in. Prefers shade. ....	.25
Shafta. Rose. July, 8 in. ....	.25
SOLIDAGO (Golden Rod) Virgo-aurea Alpestris. Yellow, spring, 10 in. ....	.25
SPERGULA Pilifera. A hardy evergreen. 4 in. ....	.50
STATICE Incana Nana Alba. Small pearly white flowers 14 in. ....	.15
THALICTRUM Adiantifolium. June-July. Small plumes, whitish flowers. 18 in. ....	.25
THYMUS Serpyllum. (Wild Thyme) Creeping plant, purple flowers. ....	.50
TUNICA Saxifraga. Lilac rose, May, 10 in. ....	.15
VERONICA Incana. Ageratum-blue, silvery foliage. 12 in., Summer. ....	.35
Longifolia Hendersoni Nana. 1 ft., Dark blue. ....	.35
Repens. May-June. Pale blue flowers. 2 in. ....	.50
Prostrata mixed. Blue and white. Trailer. June-July. ....	.35
VIOLA Bosniaca. Rose magenta, summer, 4 in. ....	.35
Cornuta Apricot, Apricot tinged orange. ....	.50
G. Wermig. Violet blue. Summer, 8 in. ....	.50
Hansa. Rich violet. ....	.50
Jersey Gem. Violet blue.	1.00
Primrose Dame. Sulphur yellow. ....	.35
Puck. Purple, violet and yellow. ....	.35
G. Wermig White. Summer, 8-in. ....	.35
Floriariense. Lavender.	1.00
Gracilis Lord Nelson. Glowing violet purple, April-August 6 in. ....	.50

For larger amounts and many other varieties see perennial pages. The heights given are of plants when in bloom.

Vaughans High-Grade Fertilizers

NOTE—These prices are f. o. b. Chicago

ADCO ARTIFICIAL STABLE MANURE. 25-lb. bags, \$2.25; 150-lb. bags, each, \$10.50.

BONE MEAL, Vaughan's Rose Grower and Superphosphate. We have built an enormous trade with this brand with our florist customers. The bone has been steamed so that it is much quicker in action than the untreated stock. Analysis—Ammonia, 2%; total phosphoric acid, 20%. Price, 5 lbs. 40c; 10 lbs., 75c; 25 lbs., \$1.30; 50 lbs., \$1.75; 100 lbs., \$2.90; 500 lbs., \$11.00; 1,000 lbs., \$21.00; 2,000 lbs., \$40.50. Doz. 5-lb. pkgs., \$3.50.

BONE MEAL. Regular or Standard Grade. Not steam treated. Price, 25 lbs., \$1.25; 50 lbs., \$1.65; 100 lbs., \$2.80; 250 lbs., \$6.25; 500 lbs., \$10.00; 1,000 lbs., \$19.00; 2,000 lbs., \$37.50.

BONE AND BLOOD. Use one pound to bushel of soil for potting soils, one-fourth pound to square yard as top dressing. Price, 25 lbs., \$1.20; 50 lbs., \$1.90; 100 lbs., \$2.50; 500 lbs., \$8.50; 1,000 lbs., \$16.00; 2,000 lbs., \$31.00.

BONE, BLOOD AND POTASH. Fertilizer Mixture (analysis 5-8-7%). Can be applied as a liquid manure, using 8-inch potful to barrel of water. Price, 25 lbs., \$1.30; 50 lbs., \$2.10; 100 lbs., \$3.25; 500 lbs., \$13.00.

BLOOM AID. Easy to use. A complete plant food put up in 5-lb. cans and 10, 25, 50 and 100 lb. bags. Price, 2,000 lbs., \$70.00 in 100 lb. bags. Write for price on cans and smaller bags.

BLOOM AID PLANT TABLETS. The best counter re-sale plant food for potted plants; put up in display cases of 24 pkgs. Retail at 25c per pkg. Price, per case, \$4.00. Write for quantity prices.

CATTLE MANURE, Shredded. High grade natural fertilizer. Price, 100 lbs., \$2.65; 500 lbs., \$10.00; 1,000 lbs., \$17.00; 2,000 lbs., \$33.00.

CLAY'S FERTILIZER. Imported. Price, 28 lbs., \$3.75; 56 lbs., \$6.75; 112 lbs., \$12.25.

DRIED BLOOD. Price, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$1.60; 50 lbs., \$2.25; 100 lbs., \$3.35; 250 lbs., \$8.00; 500 lbs., \$14.00.

GRANULATED PEAT MOSS (Imported). Per bale of about 20 bushels, \$3.50; 5 bales for \$15.00. Write for quantity lot prices.

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.

FLORANID UREA. A highly concentrated fertilizer, containing 46% available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees 92 times stronger than manure. Price, lb. can, 25c; doz., \$2.25; 50 lbs. for \$4.25. Write us for prices on larger quantities.

HORN SHAVINGS. Quick acting and lasting. Price 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.25; 50 lbs., \$3.95; 100 lbs., \$6.25.

LOMA. Price, 1-lb. pkgs., 24 in a case, per case, \$3.60; 5-lb. carton, 12 in a case, per case, \$4.00; 10-lb. bags, paper lined packed, 10 in a jute sack, per sack, \$5.67; 25-lb. bags, 4 in a sack, per sack, \$4.67; 50-lb. bags, 2 bags to a sack, per sack, \$4.00; 100-lb. bags, \$3.50.

NITRATE OF SODA or Chili Saltpeter. Not a substitute for other manure, but the cheapest and best form in which to apply Nitrogen to plants. Price, 5-lb. pkgs., doz., \$4.80; 10 lbs., 85c; 25 lbs., \$1.45; 100 lbs., \$4.25; 500 lbs., \$16.50; 1,000 lbs., \$32.00; 2,000 lbs., \$61.00.

SCOTCH SOOT (Genuine Imported). Price, 25 lbs., \$1.85; 50 lbs., \$3.15; 100 lbs., \$6.25.

SHEEP MANURE. Vaughan's Pulverized. Pure, dry, finely grounds. Price, 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.45; 500 lbs., \$9.00; 1,000 lbs., \$16.00; 2,000 lbs., \$31.00.

SULPHATE OF AMMONIA. 5-lb. pkgs., doz., \$4.80; 25 lbs., \$1.35; 50 lbs., \$2.00; 100 lbs., \$3.00; 500 lbs., \$12.00.

SUPERPHOSPHATE, 20% available. 100 lbs., \$2.25; 500 lbs., \$8.25; 1,000 lbs., \$15.75; 2,000 lbs., \$30.00.

VAUGHAN'S LAWN AND GARDEN FERTILIZER 5-8-6. Does the work of twenty times its weight of farmyard manure, and does it better, more quickly and cheaper and lasts longer. Sterilized. Contains no weed seeds. Easily applied. Put up in neat packages and bags. Price, 5-lb. pkgs., doz., \$4.20; 25 lbs., \$1.35; 50 lbs., \$2.25; 100 lbs., \$3.50; 500 lbs., \$16.00; 1,000 lbs., \$31.00; 2,000 lbs., \$60.00.

NOTE—Owing to the delays and uncertainties of Imported Fertilizers, we cannot guarantee deliveries, nor can we be held responsible for loss in weight due to evaporation in transit. We deliver in original bags as received. Prices subject to market fluctuations.

Vaughan's Greenhouse Plants

All orders to all states shipped subject to customers assuming risk in regard to their state entomology requirements.

We assume no transportation risks after delivering shipment in good order to the transportation company. Should customers have any cause for rejecting plants we would suggest that they be accepted under protest, and particulars telegraphed us at once.

Soft plants are not shipped to distant points by freight.

BILLING—25 at the 100 rate; 250 at the 1,000 rate. We charge for packing on all orders at cost.

On plants in bloom for Holidays and Easter, or on Cold Storage Stock, we can not entertain claims for allowance in case of damage in transit, the stock being sold on a basis of actual value at Western Springs.

BOSTON FERNS

The stocky thick leaved bushy type.	100	1000
Shipped by 2 1/4".....	\$ 7.00	\$65.00
express 4".....	30.00	.....
anywhere 5".....	50.00	.....
Near by 6".....	75.00	.....
delivery 7".....	100.00	.....
only 8".....	150.00	.....

ASPARAGUS

	Doz.	100	1000
Plumosus. Seedlings from flats.....		\$ 1.50	\$10.00
2 1/4-inch.....	\$0.85	6.00	50.00
3 -inch.....	1.50	10.00	.....
4 -inch.....	2.50	18.00	.....
Sprengeri. Seedlings from flats.....		1.50	8.00
2 1/4-inch.....	.75	5.00	45.00
3 -inch.....	1.50	10.00	.....
4 -inch.....	2.50	18.00	.....

CANNAS

The Four Leaders	100	1000
King Humbert.....	\$4.00	\$35.00
Yellow King Humbert.....	4.00	35.00
President.....	4.00	35.00
Hungaria.....	5.50	45.00

We grow the best varieties. Let us book your order at open prices, subject to your acceptance before delivery.

CALCEOLARIAS

Our choice Hybrid Mixture contains all colors of the new large flowered hybrids.

	100	1000
Vaughan's Choice Hybrid Mixture. 2 1/4-inch..	\$10.00	\$90.00

CINERARIAS

Ready September 1st

Vaughan's Columbian Mixture. 2 1/4-inch...	6.00	55.00
Vaughan's Columbian Mixture. 3-inch....	10.00	90.00

CYCLAMEN

We specialize in young Cyclamen plants guaranteed to be clean, healthy stock, from tested choice seeds of Binnewies strain.

Bright Red, Salmon Rose, Glory of Wandsbeck.

3 inch	4 inch
\$12.00 to \$15.00 per 100	\$35.00 to \$45.00 per 100

DIELYTRA

Heavy Forcing Stock. Michigan Grown

Roots must be slightly frozen after potting or they will not start to grow nor force properly. Delivery Fall or early Spring.

Selected Roots, per 100, \$20.00.

FICUS ELASTICA

Mossed Rooted Cuttings

Standard Case of 250.....	\$52.50
Baby Cases—50, 100, 150, 200, per 100.....	22.00
Prices F.O.B., New Orleans. Delivery any time before Sept. 10.	
Orders booked in multiples of 50.	

GERANIUMS

	100	1000
Irvington Beauty. Immense trusses, double, rosy—salmon-pink blooms. Free-flowering and a strong grower. 2 1/4-inch.....	\$10.00	\$90.00
Fiat. Dark salmon-pink. The color sells it. A good all-around variety and much in demand. 2 1/4-inch.....	10.00	90.00
Radio Red. A prolific bloomer; easy propagator and the best all-around red Geranium. 2 1/4-inch	7.00	65.00



BOSTON FERN

GERANIUMS—Continued

	100	1000
Madame Landry. Salmon-pink touched by darker shading. 2 1/4-inch.....	\$6.50	\$60.00
Rose. Scented leaves, 2 1/4-inch.....	5.50	50.00
Mme. Salleroy. Variegated leaves, 2 1/4-inch...	5.50	50.00

CALADIUMS—Vaughan's Special Fancy-Leaved

For window boxes, show plants or greenhouse growing, this is one of the most decorative plants. Rich thrifty leaves, handsomer than Begonias; marbled veined and striped with white, pink and dark red. Bulbs should be started into growth about March 1st in a warm house.

Our crop is especially fine this season and we are offering superior quality bulbs. The size runs from 1 1/4 inch to 3-inch in diameter depending on the variety. Plump dormant bulbs.

	Doz.	100	1000
Rainbow Mixed.....	\$2.00	\$14.00	\$130.00
Named Varieties. Our selection.....	2.50	16 50	155.00
Unusual and rare varieties. All named.	3.00	18.75	175.00

HARDY PERENNIALS AND ROCK PLANTS

Field and pot grown

A large and complete stock including many new and choice varieties. We make a specialty of pot grown Rock Garden Plants available for shipment the year round. Send for complete list or let us quote on your requirements.

PHLOX

For Fall Delivery

One-year field grown plants, 30 of the best and newest varieties Write for quotations on your Perennial requirements.

POINSETTIAS

From 2 1/4" Pots

	100	1000
Hollywood.....	\$10.00	\$ 90.00
Oak Leaf.....	10.00	90.00
St. Louis.....	10.00	90.00
Double Henrietta Ecke.....	20.00	

Let us quote on your requirements.

ROSES

Dormant to Force

For Easter, Mother's Day and Decoration Day.

Heavy field grown stock that breaks and blooms.

All the best and well known varieties of Polyanthas and Climbers at \$30.00 per 100 and \$28.00 per 1000.



JAPANESE IRIS



SIBERIAN IRIS



DOMINION

The most delicate and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting. Always ornamental.

Hardy German Iris

"S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

The figures preceding the varieties are the exhibition rating given to them by the American Iris Society, 10 being the highest rating used in the judging.

8.3 Afterglow. Large flowers of soft grayish lavender shading to rich yellow through the center.	10	100
8.6 Alcazar. "S" light bluish violet; "F" rich velvety crimson-purple. A very rich and striking flower	.50	4.00
9.2 Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular.	.75	5.00
7.9 Archeveque. Deep velvety purple-violet.	.50	4.00
8.1 Ariadne. 42 in. "S" silvery light blue; "F" deeper blue with violet base. Beautiful flower.	3.50	.....
9.2 Asia. 45 inches. "S" pale silvery lavender deepening at the base to golden yellow. "F" pale reddish purple, lighter at the edges	2.50	.....
7.4 Autumn King. 30 in. A large blue-purple bicolor. Flowers in the spring and again in the autumn.	2.50	.....
Baldwin. 40 inches. Gigantic flowers of a uniform manganese violet color.	\$1.00	.....
9.0 Ballerine. Early. "S" light violet-blue; "F" deeper. Very fragrant. One of the best.	2.00	15.00
7.6 Benbow. "S" and "F" deep violet-blue; large blooms on tall, erect, well developed stems	.50	3.00
8.4 Canopus. 36 inches. A wonderful Dominion seedling. "S" reddish violet, broad and finely arching; "F" rich pansy violet.	2.50	20.00
7.1 Caprice. "S" reddish purple; "F" deeper purple.	.50	3.00
8.4 Caroline E. Stringer. Large, delicate rose-flushed flowers of exceptional substance.	3.50	.....
7.9 Cecil Minturn. 24 inches. "S" and "F" a uniform soft shade of cattleya-rose. A beautiful flower.	1.00	8.00
8.2 Chasseur. 36 inches. This is no doubt the finest yellow Iris of European origin. Very fine large flower of deep yellow, becoming lighter with age.	2.00	15.00
8.0 Cluny. "S" soft lilac-blue; "F" a little darker. A new, free-flowering Pallida variety.	.50	3.00
8.5 Crusader. "S" light blue; "F" deep violet-blue, with orange beard. Splendid color and form.	.75	5.00
7.6 Dalila. 24 inches. "S" pale flesh white; "F" rich, red-purple with yellow beard.	1.00	8.00
7.7 Dejazet. "S" bronze-rose with golden sheen; "F" reddish-violet, the whole beautifully blended.	.50	3.00
9.3 Dolly Madison. 38 in. Best described as a Glorified Quaker Lady. Very fine large flowers.	1.00	.....
8.8 Dominion. "S" Dauphin's blue or light bluish violet, large, erectly held, well developed and slightly veined. "F" of exceptional substance expanding at the base to a deep rich indigo-purple velvet.	1.00	9.00
8.4 Dream. 36 inches. "S" and "F" soft clear pink. A beautiful Iris of Pallida type.	1.00	7.50
7.8 Edouard Michel. Late. "S" and "F" unusual shade of intense reddish purple	.50	3.00
8.1 Empress of India. Beautiful flowers of violet-blue. Deliciously fragrant. Flowers for a long time.	1.25	10.00
8.0 Fairy. 40 inches. A dainty white. Very fragrant	.50	3.00
7.6 Florentine Alba. This is a good early white.	.50	4.00

IRIS—Continued

	Each	10	100
8.0 Folkwang. 30 in. S. light rose-pink; F. Claret-red, edged rose-pink. Beautiful color blend.	\$0.30	\$2.50	.....
8.9 Freida Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant.	1.00	7.50	.....
9.1 Germaine Perthuis. 36 in. An enormous, rich violet purple of a wonderful velvety appearance.	.75	6.00	.....
8.6 Gold Imperial. 33 inches. Chrome yellow throughout except for conspicuous orange beard.	1.50	\$10.00	.....
7.8 Grevin. Late. "S" violet with yellow shading; "F" wine-red with bright yellow veining.	.75	5.00	.....
8.3 Imperator. Very similar to Seminole, but duller in color and a taller grower. Late.	1.25	10.00	.....
8.0 Iris King. "S" old gold; "F" rich crimson bordered with gold; a very desirable variety.	.50	4.00	.....
8.3 Isoline. "S" lilac-pink; "F" purplish old rose.	.75	5.00	.....
7.3 Jeanne d'Arc. White, edged lilac.	.50	4.00	.....
8.5 Jubilee. "S" buff or rich peach color; "F" cream-white, margined with flecks of deep copper.	.40	2.50	.....
8.0 Kalos. White, lightly veined and flecked pale rose.	1.50	10.00	.....
Labor. New. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color.	1.00	9.00	.....
8.0 Lady Byng. A beautiful Iris of clear pale lavender with a slight suffusion of rose.	1.00	8.00	.....
7.8 La Neige. Late. "S" and "F" a pure glistening waxy white. The falls are carried stiffly horizontal.	.40	3.00	.....
8.8 Lent A. Williamson. Early. "S" very broad, soft campanula violet; "F" very large velvety royal purple. Brilliant gold beard. Always dependable.	.75	5.00	.....
8.8 Leonato. 48 inches. "S" Pale lavender to silvery heliotrope; "F" slightly darker and expanded.	.50	4.00	.....
7.6 Lohengrin. Large handsome silvery-mauve flowers.	.40	3.00	.....
8.8 Lord of June. "S" flappy lavender-blue; "F" rich violet-blue. An exceedingly handsome Iris.	1.00	8.00	.....
7.3 Loreley. "S" light yellow; "F" Ultramarine-blue.	.40	3.00	.....
8.7 Magnifica. Midseason. "S" light violet-blue; "F" dark reddish purple. Flowers extraordinarily large, 6 inches long and sweet-scented.	1.50	12.50	.....
8.8 Majestic. 42 inches. Dominion Seedling. "S" light lavender; "F" very rich velvety raisin-purple. Large flowers of good substance and lasting quality.	3.00	25.00	.....
8.4 Medrano. Late. "S" and "F" a beautiful dark, smoky, claret color. Very unusual effect.	.75	5.00	.....
Midgard. A yellow and pink blend of great beauty.	1.00	.....	.....
8.8 Mlle. Schwartz. 48 inches. Lovely pale mauve flowers of exceptionally large size	1.00	8.00	.....
6.4 Mme. Chereau. Pure white, with a broad and irregular border of clear blue.	.50	3.00	.....
8.1 Mme. Chobaut. 36 inches. "S" white shot with pale chalcidony yellow, shading into wine-red. "F" white edged with lilac.	.50	4.00	.....
7.9 Moliere. Early. "S" dark violet; "F" darker violet veined brown at haft. Yellow beard.	.40	3.00	.....
7.4 Monsignor. "S" bluish lavender; "F" violet with white penciling at throat; late.	.40	3.00	.....
9.1 Morning Splendor. 40 inches. "S" petunia-violet; "F" rich raisin-purple. Delightfully fragrant; gives a beautiful red effect in the garden.	1.75	15.00	.....

WRITE FOR SPECIAL QUOTATIONS ON LARGE QUANTITIES



1. STORMCLOUD 4. JEANNE d'ARC 7. MONSIGNOR
2. QUAKER LADY 5. ALCAZAR 8. RAFFET
3. CAPRICE 6. NEPTUNE 9. PROSPER LAUGIER

IRIS—Continued		Each	10	100
8.4 Mother of Pearl. 48 inches. A pale bluish lavender flower of exceptional substance.....		\$0.50		\$ 4.00
7.7 Mrs. Hetty Matson. 42 in. "S" fawn-purple; "F" crimson purple. A fine large flower.....		.75		5.00
7.5 Mrs. Walter Brewster. "S" lavender-blue; "F" aniline-blue. Often six blooms at the same time. Nebraska. 34 inches. Large flowers of rich apricot-yellow. Standards ruffled, falls striped and clouded brown.....		.75		5.00
7.9 Neptune. 38 inches. "S" bright pale blue; "F" rich dark, purple. Flowers very large.....		\$1.25	10.00	.....
8.3 Ochracea. 30 inches. "S" dull old gold, finely arched; "F" coppery yellow, tinged with purple. Very sweet-scented and late.....		.75		5.00
8.2 Opera. Early. "S" bright reddish lilac; "F" deep velvety purple-lilac. Beard yellow.....		.60		4.00
8.1 Parc de Neuilly. 30 inches. A large, fragrant flower of uniform intense Bradley's violet. Late.....		.50		3.00
9.0 Princess Beatrice. Silvery lavender.....		1.25		10.00
8.6 Prosper Laugier. Midseason. "S" fiery bronze; "F" velvety ruby-purple.....		.50		3.00
8.1 Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower.....		.60		4.00
7.2 Quaker Lady. "S" smoky lavender, shaded yellow; "F" aegeratum-blue and old-gold.....		.50		3.00

IRIS—Continued		Each	10	100
8.8 Queen Caterina. Pale lavender-violet, with orange beard; white haft, veined with bronze.....		\$0.75		\$ 5.00
7.4 Queen of May. "S" lilac-pink; "F" lilac blended with white; distinct.....		.50		3.00
7.4 Raffet. Flowers uniform dark blue, the falls being striped at base with white; beard yellow; late.....		.50		3.00
8.2 Rhein Nixe. "S" white, very large; "F" rich violet-purple, narrow white edge.....		.50		3.00
7.4 Roseway. 36 inches. Deep red-pink Pallida with a broad orange beard. Early.....		1.00		8.00
7.6 Rotorua. 40 in. Pale lavender blue. Profuse bloomer. Good landscape variety.....		.60		4.00
9.1 Santa Barbara. 40 in. This is probably the finest of pure lavender-blue Irises. Of perfect form with flaring falls.....		3.00		25.00
8.3 Seminole. "S" soft violet-rose; "F" rich velvety crimson; brilliant orange beard. One of the most outstanding of the red-toned Irises.....		.60		4.00
8.4 Shekinah. 36 inches. Clear soft yellow, shaded through the center. One of the finest yellow Irises.....		.75		5.00
7.7 Sherwin Wright. Early. "S" and "F" splendid golden yellow without shading or markings.....		.50		3.00
9.2 Souv. de Loetitia Michaud. 48 inches. Magnificent flowers of lobelia blue, shading pale blue toward edges.....		\$1.00		.....
9.3 Souv. de Mme. Gaudichau. "S" Bradley's violet; "F" brilliant black-purple. Millet's best variety.....		1.25		10.00
7.2 Stormcloud. (Nuee d'Orange.) Very large flowers of grayish slate-blue with bronze shading.....		.50		3.00
8.5 Susan Bliss. 42 inches. Deep rose-pink.....		1.25		10.00
8.5 Sweet Lavender. 36 inches. "S" pale lavender; "F" deep rose-lavender, broad and horizontal.....		.75		5.00
8.2 Taj Mahal. 36 in. A very fine pure white of excellent form.....		1.50		12.00
8.5 Valencia. 30 inches. A bright orange-buff.....		2.50		.....
8.9 Vesper Gold. A new distinct yellow suffused with violaceous reflections. A beautiful Iris.....		.50		4.00
7.9 White Knight. Late. "S" and "F" absolutely snow-white without markings.....		1.00		8.00
7.4 W. J. Fryer. "S" large bright yellow; "F" large deep maroon with narrow yellow border.....		.50		3.00
8.7 Yolande. 36 inches. An improved Gaudichau of a wonderful velvety dark blue-purple.....		2.50		.....
8.0 Zwanenburg. 20 inches. "S" cream, striped maroon; "F" dark olive-brown, edged violet. Early. Mixed.....		.80		5.00
		1,000,	\$20.00	2.50

JAPANESE IRIS (Kaempferi)

Gold Bound. White with gold banded center. Double Early.....	1.50	12.00
Kumochi-Guma. Dark purplish indigo. Midseason. Double.....	2.00	15.00
Mahogany. Velvety mahogany red. Double.....	2.00	15.00
Momigi-No-Taki. Variegated rosy carmine. Double.....	1.50	12.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason.....	1.50	12.00
Uchiu. Cerulean blue, veined white. Gold center. Double.....	1.50	12.00
Mixed Seedlings.....	1.20	8.00

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden.....	1.25	10.00
Dorothy K. Williamson. A beautiful beardless iris with large velvety flowers of vivid purple.....	1.50	12.00
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings.....	1.25	10.00
Pumila Hybrida Cyanea. Dwarf early blooming variety of German Iris. Rich royal purple.....	1.00	7.00
SIBIRICA. Butterfly. 36 inches. Lovely porcelain blue.....	1.50	12.00
Emperor. Large flowers of deep violet-blue.....	1.50	12.00
Geo. Wallace. (Azure blue.) "F" marked white.....	1.00	6.00
Orientalis. Rich, deep purple.....	1,000,	\$40.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue.....	1.50	10.00
Snow Queen. Large ivory-white.....	1.20	8.00
Versicolor. (Common American Water Flag.) Showy violet-blue. Blooms for a long time.....	1.25	10.00

Vaughan's Peonies

5 of a Kind at the Ten Rate
25 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing. Strictly true to name, all in strong divisions, with from 3 to 5 eyes each. The figures preceding the varieties are the rating given to them by the American Peony Society.

WHITE AND LIGHT SORTS

	Each	10	100
8.8 Alsace-Lorraine. Creamy white; late.....	\$0.75	\$ 6.00	\$50.00
9.0 A. M. Slocum. White with golden stamens. Semi-rose type.....	1.25	.....	.....
8.7 Avalanche. Pure snow-white, with a few pencillings of carmine on the edge of the center petals; fragrant. A splendid white; down type; late midseason.....	.30	1.80	15.00
9.0 Baroness Schroeder. Rose type; late. White with shadings of flesh.....	.50	4.00	30.00
8.1 Couronne d'Or. Snow-white, yellow reflex, very large. Late.....	.30	2.00	15.00
7.8 Duc de Wellington. Very large, well-formed sulphur-white bloom stems very firm and long.....	.25	1.50	12.00

8.1 Duchess de Nemours. (Calot.) Sulphur-white Each with greenish reflex, cup-shape.....	\$0.20	10	100
9.2 E. B. Browning. A very large white. Late.....	1.25	10.00	.....
8.9 Enchanteresse. Large creamy white. Rose type; very late.....	1.00	7.50	60.00
9.3 Festiva Maxima. Very popular large white.....	.25	2.00	15.00
9.1 Francis Willard. Exquisite blush-white, of good substance and a fine cut-flower variety.....	.75	6.00	50.00
9.8 Kelway's Glorious. Cream-white; midseason.....	2.50	.....	.....
8.3 La Rosiere. White with cream-white center; semi-double; midseason.....	.40	3.00	25.00
9.9 LeCygne. Unquestionably the finest white.....	2.00	.....	.....
7.9 Madame de Verneville. Delicate rose-white, very desirable. June rose fragrance.....	.25	1.50	12.00
9.4 Mme. Jules Dessert. White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner.....	1.00	7.50	.....
8.5 Marie Lemoine. Large, compact, pure white, cream-white center, carmine tips. Fragrant; late.....	.50	3.50	25.00
7.8 Miss Salway. Lilac white. Early midseason.....	1.25	10.00	.....

PEONIES—White and Light Sorts—Continued			
	Each	10	100
8.3 Mons. Dupont. Very large, cup-shaped flower; ivory-white; center petals splashed with carmine; fragrant; a strong grower; very tall; midseason.	\$0.40	\$2.50	\$20.00
8.8 Nymphaea. Semi-double flowers of delicate creamy white. Yellow stamens.	1.25	10 00	.....
8.9 Pleas' Jubilee. Ivory-white; midseason.	1.00	7.50	60.00
8.6 Primevere. Sulphur-yellow. Bomb type; very fragrant; mid-season.	1.00	9.00	.....
9.1 Rose Shaylor. Flesh-white. Rose-type; tall; mid-season.	7.50	.....	.....
9.7 Solange. Deep cream, tinged with amber. Late.	1.25	10.00	90.00
9.4 Tourangelle. Pearl-white overlaid with delicate shades of salmon.	1.00	9.00	75.00

LIGHT AND DARK PINK AND ROSE

7.1 Alexander Dumas. Bright pink, intermixed with creamy white petals. A fine cut-flower variety. ....	.25	1.50	12.00
8.7 Claire Dubois. Clear, satiny pink, with glossy reflex. Late midseason. ....	.50	4.00	30.00
7.7 Dorchester. Creamy flesh-color, tinged with pink. ....	.25	2.00	15.00
7.6 Edulis Superba. Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day.	1,000, \$120.00	.25	1.80 15.00
9.1 Edwin C. Shaw. Clear shell-pink. Fragrant; late midsummer.	3.00	.....	.....
8.8 E. G. Hill. Carmine rose; early midseason.	1,000, \$350.00	.60	5.00 40.00
8.5 Exquisite. Bright cherry rose. tipped silvery white. Midseason.	1.25	10.00	.....
7.9 Georgiana Shaylor. Pale rose-pink; midseason.	1.00	7.50	60.00
8.1 James Boyd. Soft flesh-pink, tinted yellowish salmon. Late.	1.50	.....	.....
7.9 Jeanne d' Arc. Soft pink, intermingled with petals of bright pink and sulphur-yellow.	1,000, \$120.00	.25	2.00 15.00
8.6 Judge Berry. Soft pink. Enormous blooms and very early.	1.50	12.00	.....
9.1 Lady A. Duff. Pale pink; midseason. ....	.75	5.00	40.00
9.0 La France. Soft appleblossom-pink; late midseason.	1.25	10.00	.....
7.5 La Tulipe. Delicate pink, outer petals striped with red tulip markings; midseason; fragrant. ....	.25	1.80	12.00
Lillian Gumm. Shell-pink deeper in center. Rose type; very fragrant; late midseason.	1.75	.....	.....
7.9 Mad. Ducl. Light rose, silver reflex. Resembles the variety Mons. Jules Elie. ....	.25	2.25	18.00
8.5 Mad. Emile Galle. Shell-pink. Rose type; fragrant; late. ....	.40	3.00	25.00
7.9 Mad. Joanne Sallier. Rose-pink; early.	1.00	.....	.....
8.4 Marguerite Gerard. Very pale hydrangea-pink. ....	.40	2.50	20.00
9.1 Martha Bulloch. Soft rose-pink.	2.00	.....	.....
8.7 Mary P. King. Light coral-pink.	1.50	.....	.....
9.0 Mary Woodbury Shaylor. Clear pink with cream center; midseason.	1.25	.....	.....
9.0 Milton Hill. Delicate lilac-pink. Rose type; late.	1.25	10.00	.....
9.2 M. Jules Elie. The best pink. ....	.60	4.50	35.00
8.7 President Taft. (Reine Hortense.) Delicate hydrangea-pink. Fine for cut-flowers.	1,000, \$200.00	.40	3.00 25.00
8.2 Pierre Duchartre. Rose type; late. Large, compact flowers of a delicate flesh-pink; fragrant. ....	.60	5.00	35.00
9.3 President Wilson. Soft rose-pink. Late; very fragrant.	5.00	.....	.....
Queen Wilhelmina. Rosy pink. Full rose type. Midseason.	1.00	7.50	60.00
8.8 Rosette. Delicate shell-pink shading to a salmon at base of petals.	1.50	12.50	.....
9.0 Sarah Bernhardt. Appleblossom-pink; late mid-season. ....	.60	5.00	45.00
7.8 Souvenir de Francois Ruitton. Bright cherry pink.	1.00	7.50	.....
9.8 Therese. Violet-rose, changing to lilac-white; mid-season.	1.25	10.00	.....
8.3 Venus. Delicate shell pink. Crown type; midseason. ....	.50	4.00	.....
9.3 Walter Faxon. Bright delicate rose.	1.25	10.00	.....

RED AND CRIMSON

8.7 Auguste Dessert. Velvety crimson-carmine with silvery reflex.	2.00	15.00	.....
8.6 Cherry Hill. Deep garnet with conspicuous sheen; midseason.	1.00	7.50	60.00
8.4 Felix Crousse. Best red for florists.	1,000, \$225.00	.40	3.00 25.00
8.2 Grover Cleveland. Rich dark crimson; late. ....	.50	3.50	25.00
Inspector Lavergne. Vivid crimson.	8.00	60.00	.....
8.8 Karl Rosefield. Very large flower, globular semi-rose type. Extremely vigorous grower; tall, early.	1,000, \$250.00	.50	3.50 30.00
7.8 Lord Kitchener. Brilliant cherry-red; early mid-season. ....	.60	5.00	35.00
9.0 Longfellow. Bright crimson. Semi-rose type; tall; late midseason.	1.00	7.50	.....
6.9 Louis Van Houtte. Deep carmine-rose. ....	.30	2.00	15.00
7.5 Marechal Valliant (Grandiflora Rubra). Light red, resembling the American Beauty Rose. ....	.30	2.50	20.00
8.7 Mary Brand. Vivid crimson of immense size; full double; a free-bloomer and a strong grower; delightful fragrance; midseason. ....	.75	5.00	40.00
8.2 Mme. Gaudichau. Brilliant dark red. Late.	1.00	.....	.....
8.8 Mons. Martin Cahuzac. Dark purple-garnet with black reflex.	1.00	7.50	.....
Mr. L. Van Leeuwen. Clear rosy red. Late midseason.	2.00	.....	.....
8.6 Officialis Rubra Plena. Old-fashioned red. ....	.50	4.00	35.00
9.2 Philippe Rivoire. Brilliant crimson.	3.50	.....	.....
8.8 Richard Carvel. Very early, deep red. ....	.75	6.00	50.00
Tenuifolia Flora Plena. (Double Fern-leaf Peony) Brilliant dark crimson. Very early.	1.25	10.00	.....



1. FESTIVA MAXIMA
2. EDULIS SUPERBA
3. M. JULES ELIE
4. FELIX CROUSSE

JAPANESE-FLOWERED PEONIES

	Each	10	100
9.2 Amo-No-Sode. Bright-rose, shading lighter toward the edge of the petals; similar to Tamatbako.	\$2.50	\$20.00	.....
Flashlight. Pale Tyrian rose with dull golden center.	1.50	.....	.....
9.2 Fuyajo. Rich dark maroon guards.	1.75	.....	.....
8.2 Gold Mine. Petals deep rose; deep gold center. ....	.50	4.00	\$35.00
9.3 Isani Gidui. Large pure white with buff-yellow center.	4.50	.....	.....
8.6 Mikado. Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold.	1.00	.....	.....
Ruigegno. Clear red with golden petaloids.	2.00	.....	.....
8.2 Snow Wheel. Waxy White.	2.00	.....	.....
9.0 Some Ganoko. Clear dark crimson with yellow petaloids.	1.75	.....	.....
8.0 Torpilleur. Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow.	1.25	10.00	90.00

SINGLE PEONIES

7.6 Clio. Pink petals and long golden pollen-bearing stamens. ....	.75	6.00	.....
8.4 La Fiancee. Pure white. ....	.90	7.50	.....
Nymphe. Bright flesh-pink. ....	.75	6.00	.....
Perle Rose. Delicate clear China pink, with silvery edge. ....	.90	7.50	60.00
7.6 Vesuve. Dark red. ....	.50	4.00	.....

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink.	1,000, \$100.00	\$0.25	\$1.50 \$12.00
Double Red.	1,000, 120.00	.30	1.80 15.00
Double White.	1,000, 100.00	.25	1.50 12.00
Double Mixed. ....	.....	.20	1.25 10.00

PEONIES IN CASE LOTS

3 to 5 Eye Divisions		
CASE LOT No. 1 for \$20.00	CASE LOT No. 2 for \$25.00	CASE LOT No. 3 for \$35.00
75 Unnamed dbl. Pink	75 Edulis Superba	75 Avalanche
75 " " White	75 Festiva Maxima	75 President Taft
50 " " Red	50 Felix Crousse	50 Karl Rosfield
The above 200 roots, labeled, for \$20.00.	The above 200 roots, labeled, for \$25.00.	The above 200 roots, labeled, for \$35.00.



Vaughan's Freesias California Grown

YOU WANT TO MAKE MONEY. You want your greenhouse to yield the most profits by producing flowers during the months when they are very scarce. As the days during the latter part of December and the month of January grow darker, flowers become less plentiful, and the few that are put on the market command a high price. Correctly grown (we supply cultural directions used by the most eminent growers) these bulbs produce high quality flowers, very profitable to the frist.

Our bulbs are the true Purity strain, grown from the originator's stock. Please do not compare our prices with those of some dealers who might be offering **discolored** bulbs, or the ordinary *Refracta Alba*.

Order Now to Obtain Highest Quality

PURITY—True Strain

Good Crop of Large Bulbs This Year

	1,000 Lots Per 1,000	5,000 Lots Per 1,000	10,000 Lots Per 1,000
$\frac{1}{2}$ to $\frac{5}{8}$ in.....	\$ 7.00	\$ 6.50	\$ 6.00
$\frac{1}{2}$ to $\frac{3}{4}$ in.....	14.00	13.00	12.50
$\frac{3}{4}$ in. up	17.50	16.00	15.00

Elder's Giant White

Much demand for the flowers on all markets because of the size and strong stems.

	Per 1,000
Just under $\frac{1}{2}$ in.....	\$15.00
$\frac{1}{2}$ to $\frac{5}{8}$ in.....	22.50
$\frac{5}{8}$ to $\frac{3}{4}$ in.....	30.00
$\frac{3}{4}$ up	25.00

Golden Charm

Light yellow, very early, good seller on Chicago market.

	100	1,000
$\frac{1}{2}$ to $\frac{5}{8}$	\$ 2.50	\$18.00
$\frac{5}{8}$ to $\frac{3}{4}$	3.00	25.00
$\frac{3}{4}$ and up.....	3.50	30.00

GOLDEN DAFFODIL

The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong stiff stem.

	1,000
$\frac{1}{2}$ to $\frac{5}{8}$ in.....	\$20.00
$\frac{5}{8}$ to $\frac{3}{4}$ in.....	25.00
$\frac{3}{4}$ and up.....	30.00

Lavender Queen. Very fine new lavender.....	100	1000
Splendens. The stems are long and stiff, bearing as many flowers as Purity, of a beautiful deep lavender color. $\frac{1}{2}$ to $\frac{5}{8}$	\$2.00	\$15.00
$\frac{5}{8}$ to $\frac{3}{4}$	1.25	8.00
Tritonia Crocata. Scarlet.....	1.90	14.00
Yellow Prince. A somewhat darker flower than California. Stems extra long and wiry.....	1.75	12.00
Rainbow Mixed. Our own mixture. Very choice.	2.00	18.00
	2.00	15.00

Ixia

These easily grown, quick selling bulbs are rapidly becoming popular as cut flowers. Planted from September to early December in pots or bench, they produce beautiful, long stem flowers during late February and early March. Main requisites for successful growing are careful watering at beginning of growth, and a cool temperature (Carnation temperature, or cooler).

Althea. Large, pure white, with dark purple eye.

Bucephalus Major. Immense deep red, strong grower deep green foliage.

Conqueror. Deep yellow inside, outside orange red; a very brilliant color.

Englishton. Beautiful carmine rose, very free flowering.

Grand Duc. Creamy white, a soft and delightful shade.

Hogarth. Creamy white, with carmine outside, free-flowering and sturdy.

Rossini. Deep rose pink, a very beautiful color.

Vulcain. Scarlet, with beautiful orange shadings.

Wonder. (Rosea Plena). The very popular double, brilliant pink. Per 100, \$2.50; per 1,000, \$18.00. Mixed per 100, \$1.75; per 1,000, \$12.00.

BULBS for Mid-Summer and EARLY FALL

How to Save Money by Ordering Your Bulbs from Vaughan

Purchasing tulips, hyacinths direct from Holland growers means an outlay of usually 60% of the total bill **IN CASH** on delivery. This consists of \$6.00 per thousand bulbs duty on tulips, and \$4.00 to \$6.00 ocean and overland freight, plus charges for cases, packing, and the cost of hauling the bulbs thru the canals of Holland from the farms to Rotterdam. These charges are usually inconspicuously placed on the railroad bills as Advance Charges. By purchasing from us, you do not have to expend this money until 60 days after receipt of the bulbs. By that time you are in a better position to pay, as most of the fall flowers have been cut. When cost of delivery is correctly figured, our prices are substantially lower.

In buying Hyacinths from us you buy them by measure in "centimeters." This means much, as against those people who sell "Firsts", "Seconds" or "Thirds" and give you no assurance as to what such grades measure.

Lily bulbs can be shipped cases and packing Free F.O.B. Chicago, New York, Los Angeles, San Francisco, Seattle, Kansas City, Cincinnati.

Then again you receive the benefit of over 50 years' experience in purchasing the correct size of bulb, a matter of prime importance. When placing your order, state whether the bulbs are to be forced, or to be sold over retail counter.

True Lilium Harrisii

Grown for us by one of the most reliable growers.

We can supply Fairy Isle Strain at same price.

F.O.B. N. Y. F.O.B. Chgo.

6- 7-inch, 335 bulbs to case.	Per case.....	} \$26.00	} \$27.00
7- 9-inch, 200 bulbs to case.	Per case.....		
8-10-inch, 150 bulbs to case.	Per case.....		
9-11-inch, 100 bulbs to case.	Per case.....		

ANEMONES

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Soak the bulbs in water about 24 hours before planting. Set 10 inches apart, about 2 inches deep. Sunny location, plenty of moisture. **Special Mixed**, 1 year old per 100, \$1.60; per 1,000, \$14.00; 2-yr. old, per 100, \$2.00; per 1,000, \$17.00.

Anemone St. Brigid Irish Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. 1 yr. old number one bulbs, per 100, \$2.50; per 1,000, \$20.00.

White Calla

(Aethiopica)

Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops, expose bulbs to the sun**, in order to make early shipment. This is very dangerous and will cause dry rot.

We therefore take great pains in **securing our stock from growers in California** who do not use this practice. Our stock is **thoroughly cured in the ground** and dried thoroughly before they are packed. This, of course, means **later delivery** but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	1,000
1 1/4-1 1/2 inches.....	\$ 5.50	\$ 50.00
1 1/2-1 3/4 inches.....	11.00	105.00
1 3/4 inches and up.....	16.00	150.00

GODFREY EVERBLOOMING CALLA

(Ready in September)

This is a popular variety for either cut-flower or pot-plant sales. For design work it is better than the Aethiopica variety, as flower is not so heavy and large.

	Per 100	1,000
First Size. 1-1 1/4 inches.....	\$ 5.00	\$ 40.00
Large Size. 1 1/4-1 1/2 inches.....	11.00	105.00

Crocus

Autumn Flowering

Very fine for planting in Rock Gardens.	Per 100	1,000
Sativus. (Purplish blue).....	\$2.00	\$15.00
Speciosus. (Deep blue).....	2.00	15.00
Zonatus. (Soft lilac).....	2.00	15.00

Colchicum

Curious for their habit of blooming without soil. Fall blooming, excellent for retail sales.

Colchicum Autumnale. Light blue.....	\$14.00	\$135.00
Speciosum. Deep blue.....	16.00	150.00

Bulbous Iris

The standard forcing size of Dutch Iris is seven centimeters in circumference, in the Spanish varieties six centimeters.

SPANISH IRIS

5-6 ctm. 6-7 ctm.
Per 1,000 Per 1,000

(Ready in September)

Cajanus. Large flowered dark yellow.....	\$25.00	\$30.00
King of Blues. Dark blue, with a long stem.....	12.00	18.00
King of Whites. Large pure white.....	20.00	25.00
King of Yellows. A good yellow for late blooming	20.00	25.00
Prince Henry. Fine dark bronze.....	22.00	30.00

DUTCH IRIS

6-7 ctm. 7-8 ctm.
Per 1,000 Per 1,000

Adrian Backer. A beautiful, large flowering novelty of uniform lilac purple.....	\$22.50	\$34.00
A. Bloemaard. Standards dark purplish blue, falls lighter blue, very large flower, early.....	\$26.00	\$34.00
D. Haring. Early flowering. Standards greyish white, falls pure white, very large flower.....	17.00	24.00
E. B. Garnier. One of the very earliest. Standards and falls uniform deep blue, the improved Emperor	22.00	30.00
Go'den Glory. Standards golden yellow, falls darker, the dark Yellow Queen.....	22.50	34.00
Hart Nibbrig. Brilliant, clear blue, the finest flower of the whole selection. Late.....	18.00	25.00
J. W. De Wilde. Uniform dark yellow, a novelty...	24.00	34.00
Leonardo De Vinci. Standards creamy white, falls canary yellow with orange stripe, very large flower and early.....	24.00	34.00
Poggenbeek. Uniform dark blue. An extra good variety.....	24.00	34.00
Theresa Schwartz. Standards pale corn-flower blue, falls purest white, with very narrow orange stripe, excellent cut flower.....	22.00	30.00
White Excelsior. Uniform pure white, falls very broad, very good form and substance, very early forcer.....	22.50	34.00
Yellow Queen. Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow.....	22.50	34.00

Filifolia Imperator. This beautiful iris is a very consistent preformer, producing tall strong spikes of deep blue that always sell well. The best iris for greenhouse planting where a cheap and easily grown iris is wanted. The large bulbs we offer are the best obtainable, and do not require much urging to produce excellent cut flowers. 7-8 Ctm., 1,000, \$25.00; 8-9 Ctm., \$30.00 per 1000.

Tingitana Wedgewood. Very reasonable in price this year. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower, that has commanded enormous prices during the past few years. Light blue in color. 8-9 Ctm., per 1000, \$50.00; 9-10 Ctm., per 1000, \$65.00; 10 Ctm. and up per 1,000, \$80.00.

RANUNCULUS

Bulbs are claw-like shaped and should be planted with claws downward two inches deep and ten inches apart. Soak bulbs same as Anemones. **French Mixed**, 1 yr. old, per 100, \$1.60; 1000, \$14.00; 2 yr. old, 100, \$2.75; 1000, \$22.50.

SPHAGNUM MOSS

Bright, Clean, New Growth, free from Brush or Grass

THE BEST GRADE OF SPHAGNUM

is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L. lots as follows:

MASTICA, For Glazing Greenhouses

The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side).

Price, per gal., \$2.50; 5 gals., \$12.00; 10 gals., \$23.50.

VAUGHAN'S GREENHOUSE BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run, and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20 gal. drums, per gal., 90c; 10 and 5 gal. drums, per gal., \$1.20; 1 gal. can, \$1.45. Glazing gun gratis with 60 or 40 gal. drum.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.40; 3 for \$4.00; doz., \$13.50; in three doz. lots, doz., \$13.00; in six doz. lots, doz., \$12.50. If by mail (weight under 1 lb.).

GLAZING POINTS, Vaughan's Perfection—No rights or lefts

No. 2. For large single thick glass.
No. 2½. Double thick, for greenhouses and skylights.

No. 2. Price, per lb. (abt. 900), 60c; in lots of 5 lbs., 55c per lb.; No. 2½ per lb. (abt. 800), 60c; 5 lbs. at 55c per lb.

Write for prices in larger quantities.

SIEBERT'S IMPROVED

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and ⅞-inch long, put up in 1 pound packages. Over 1,500 points in 1-lb. pkg. of ⅝; over 1,000 points in 1-lb. pkg. of ⅞.
Price: Per lb., 50c; 5 lbs., \$2.35; 20 lbs., \$8.50.

PLANT STAKES—A Full Line

CANE STAKES.

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, \$1.35; 500 for \$5.25; per 1000, \$9.00. (If shipped from New York), per 100, \$1.75; 500 for \$7.00; per 1000, \$12.00. Special price on larger lots on application.

Heavier Grade. 8 to 11 ft. 100, \$2.25; 500, \$9.00; 1000, \$15.50; if shipped from New York, 100, \$2.50; 500, \$9.50; 1000, \$17.25

Japanese Bamboo Stakes, Plain and Green Painted.

	Per 100	Per 1000		Per 100	Per 1000
1½ feet.....	\$0.60	\$2.50	3 feet.....	\$1.00	\$4.00
2 feet.....	.75	3.25	3½ feet.....	1.10	5.00
2½ feet.....	.90	3.75	4 feet.....	1.25	6.00
Natural. 6 ft.....	1.35	9.00			

Galvanized Steel Wire Stakes. Write for latest quotations on quantities. Far superior to wooden stakes and practically indestructible. We supply largest buyers.

No. of Gauge	No. 9 Wire	1000	No. 8 Wire	100	1000
1½ feet.....	\$0.75	\$4.25	3½ feet.....	\$1.60	\$11.00
2 feet.....	.90	6.00	4 feet.....	1.95	13.50
2½ feet.....	1.10	7.00	5 feet.....	2.25	16.00
3 feet.....	1.20	8.25	6 feet.....	2.50	18.75

HEAVY CHINESE TONKIN STAKES, NATURAL COLOR.

Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

Length	Diameter	F. o. b. New York Per 100	F. o. b. Chicago Per 100
4 ft.	¾ to 1 inch.....	\$2.75	\$3.00
4 ft.	¾ to 1 inch.....	4.00	4.25
5 ft.	¾ to 1 inch.....	4.25	4.50
6 ft.	¾ to 1 inch.....	5.00	5.50
8 ft.	¾ to 1 inch.....	5.75	6.25

WIRE. Bright Annealed. (Prices subject to change.)

Per lb. 6 lbs. 12 lbs.	Per lb. 6 lbs. 12 lbs.
No. 18..\$0.25..\$0.65..\$1.00	No. 26..\$0.35..\$1.15..\$1.65
No. 20.. .25.. .75.. 1.20	No. 28.. .40.. 1.25.. 1.85
No. 22.. .30.. .90.. 1.30	No. 36.. .70.. 2.00.. 3.25
No. 24.. .35.. 1.00.. 1.50	

For carloads write us.

BURLAPPED Bales. (45x14x16 inches) F. O. B. Wisconsin Points. 10-bale lots per bale, 85 c; 25-bale lots per bale, 75c. Write for price on moss in large quantities F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. CHICAGO.

Single bale, \$1.20; 5 bales, \$5.50; 10 bales, \$10.00. Write for price on larger quantities.

New York Prices, 35 cents per bale higher. Cartage free.

GREEN SHEET MOSS. For windows, baskets etc. Per sack

\$2.00; 5 sacks per sack, \$1.85.

FLORISTS' CUT WIRE

Clean, extra soft white wire, cut in 12 or 18 inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price.....	\$1.10	\$1.25	\$1.40	\$1.50	\$1.85	\$2.25

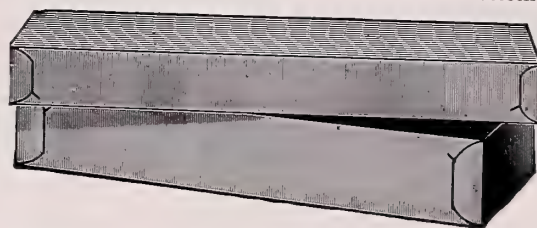
WATERING POTS. American.

Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., \$4.20; 6-qt., \$4.50; 8-qt., \$4.75; 10-qt., \$5.00; 12-qt., \$5.40.

French Style. Oval, otherwise same make as above. 6-qt., \$4.95; 8-qt., \$5.20; 10-qt., \$5.60; 12-qt., \$6.15.

CUT-FLOWER BOXES.

All sizes packed 100 covers per bundle and 100 bottoms per bundle.



French Style

F. O. B. Chicagoonly. Printing \$3.00 extra. In gold \$6.00 extra for each order of 100 to 1,000 boxes assorted sizes. We carry a complete

stock and can usually fill orders promptly. If required printed, usually means delay of about ten to twelve days.

Prices subject to change without notice owing to market conditions.

VAUGHAN'S "GREEN" GRADE.

Fine, green-lined, moisture-proof board. Very popular.

Size in inches	Weight Per 100	Per 100	Size in inches	Weight Per 100	Per 100
3 x 21x5	40 lbs.	\$3.85	4x24x8	70 lbs.	\$ 6.60
3½x24x5	50 lbs.	4.95	5x28x8	90 lbs.	7.60
3½x30x5	65 lbs.	5.65	5x36x8	125 lbs.	9.85
			5x42x8	165 lbs.	14.85

FLOWER BOXES MIST GRAY—FLORAL DESIGN.

No. 26. 6x36x12, \$17.00; No. 27. 8x20x20, \$18.75; No. 29. 8x24x24, \$22.50

CHIFFON, all shades. In bolts of 40 to 45 yards. We do not sell less than a bolt of a shade. Four-inch, per yard, 4c; 6-inch, per yard, 5c.

Valley Pattern Chiffon. Pink and white, 6-inch, per yard, 6½c.

Dotted Chiffon, all shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 5½c; 6-inch, per yard, 6½c.

Metaline. Has a bright metallic lustre. Width 5½ inches, for baskets, bouquets and funeral work. We carry a stock of all colors, 40 yards to a bolt. Per yard, 4c.

No. 1 Baby Ribbon. Any color. Spool of 50 yards, 60c; doz., \$6.75.

Corsage Pins, 4-inch; assorted colors. Per gross, \$2.00.

Corsage Ties (Cord and Tassels). Per doz., 60c; per gross, \$6.00.

TISSUE, American Beauty 24x36 inches, f. o. b. New York. ream (480 sheets), \$1.50; 10 reams (4800 sheets), \$13.00; f. o. b. Chicago, ream (400 sheets), \$1.25; 10 reams (4000 sheets), \$9.75.

TIN FOIL. Price subject to change without notice.

Terms cash.

Florists' Foil. 5, 6 or 7 inch, 1 lb., 22c; 10 lbs.,

\$2.00; 25 lbs., \$4.50; 50 lbs., \$8.00; 100 lbs., \$15.00.

Violet or Green Foil. Per lb., 45c; 10 lbs., \$4.00; 25 lbs., \$9.50.

A Good Variety of Sizes in These Flower Vases

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Diameter					Price		Diameter					Price		
Style	Top	Bot.	Ht.	Per Doz.	Style	Top	Bot.	Ht.	Per Doz.	Style	Top	Bot.	Ht.	Per Doz.
253	4½ in.	3½ in.	10 in.	\$4.50—65	7½ in.	6½ in.	8 in.	5 in.	\$5.00	254	4½ in.	3½ in.	10 in.	\$5.00
255	6½ in.	5½ in.	12 in.	6.75—66	9 in.	7½ in.	10 in.	6 in.	6.00	256	6½ in.	5½ in.	12 in.	6.00
257	6½ in.	5½ in.	15 in.	7.80—68	9 in.	7½ in.	12½ in.	9 in.	9.00	258	6½ in.	5½ in.	12 in.	9.00
57	5 in.	3½ in.	5 in.	2.75—69	9 in.	7½ in.	18 in.	12 in.	12.00	259	6½ in.	5½ in.	12 in.	12.00
59	6½ in.	5½ in.	7 in.	4.20—70	9 in.	7½ in.	24 in.	13.20	260	6½ in.	5½ in.	12 in.	13.20	

HOSE, FLORIST NON-KINKABLE GUARANTEED

Hose, manufactured especially for greenhouse use. The inner tube is made of best quality rubber, the jacket of canvas or duck is mixed in such a way with the outer cover that it is extremely pliable and will not kink or crack.

Price ¾ or ½ inch; coupling free; sample mailed free if desired.

1 to 24 feet.....per ft. 18c— 50 to 99 feet.....per ft. 16c
25 to 49 feet.....per ft. 17c— 100 to 400 feet.....per ft. 15c
In bales of 500 feet, per ft., 14c.



Galv. Vase

VAUGHAN'S SEED STORE

601 West Jackson Blvd., CHICAGO

Post Office _____ State _____

or Rural Delivery.

Forward Goods by.....
(Parcel Post, Express, Freight or Boat)

**(SEND NO CASH OR
CURRENCY UNLESS
REGISTERED)**

**Make Money Orders or Checks
Payable to Vaughan's Seed Store**

Money Order \$
Draft or Check \$
Postage Stamps \$
Cash - - - \$

Your local postmaster will tell you in which Zone you reside as regards NEW YORK or CHICAGO.

More order blanks will be sent upon request. Always write letters on a separate sheet from your order.

We do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate prices we charge.

VAUGHAN'S SEED STORE (Incorporated).

N. B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

Substitutes You may substitute the next best of any variety you cannot supply. ☐
Please do not substitute without first notifying me..... ☐
(Please mark a cross (X) in one of the above spaces.)

Carried Forward,

lbs.

\$

Insecticides and Fungicides

Unmailable—Insecticides Containing Poison CANNOT be Sent by Mail—by Express Only

ANTROL. Sets containing 4 jars and 4-oz. bottle of syrup, price, 95c; extra jars each, 15c. 4 oz. bottle syrup, 45c. Pint bottle of syrup, 95c; gal., \$3.75.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of States of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

APHINE. 1 pt., 75c; 1 qt., \$1.00; 1 gal., \$3.00.

BLACK LEAF 40, is a solution of Nicotine Sulphate. It is highly recommended by Experiment Stations throughout the United States as a spray for soft bodied sucking insects. For spraying only. Directions must be followed carefully: 1 oz. bottle, 35c; ½ lb. can, \$1.25, makes 40 to 100 gallons; 1 lb. bottle, \$2.50, makes 40 to 200 gallons; 2-lb. can, \$3.75, makes 200 to 500 gallons; 5 lb. can, \$7.00, makes 400 to 1000 gallons; 10-lb. can, \$11.85, makes 840 to 2100 gallons.

LIME SULPHUR. (Solution.) The best remedy for San Jose scale. One gallon makes twelve. Per qt. can, 45c; 1 gal., \$1.00; 5-gal. can, \$4.00. Write for prices in barrel lots.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; 5 lbs., \$1.50; 25 lbs., \$4.50; 100 lbs., \$12.50.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 40c; 4 lbs., \$1.50; case of 24 lbs., \$5.25.

CALCIUM, ARSENATE. (Dry.) Lb., 50c; 4 lbs., \$1.50.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c.

DERRISOL. Is an odorless nonpoisonous liquid, which will control sucking insects like aphids, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; 8 oz., \$1.20; 2 lbs., \$3.00; 10 lbs., \$12.00.

EVERGREEN. Non-poisonous insecticide. Oz. bottle, 35c; 6-oz. bottle, \$1.00; 16-oz. bottle, \$2.00; 32-oz. bottle, \$3.50; gallon bottle, \$8.63; 5-gal. drum, \$38.75.

FLOWERS OF SULPHUR. Lb., 15c; 10 lbs., \$1.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25.

FUNGINE. New remedy for mildew, rust and other fungus, diseases for greenhouse and outdoor use. Pint, 75c; 1 qt., \$1.10; gal., \$3.00.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 5 lbs., 95c; 10 lbs., \$1.80.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c; 5 lbs., \$2.25; 10 lbs., \$4.00.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 30c; pt., 50c; qt., 85c; ½ gal., \$1.75; gal., \$2.50; 5 gals., \$10.00.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 1-lb. tin, \$1.00; 5-lb. tin, \$3.50; 10-lb. tin, \$6.15.

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. 1 lb., \$2.00; 4 lbs., \$5.85; 8 lbs., \$10.85.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, \$1.25; 144 sheets, \$4.75; 288 sheets, \$8.25.

NICOTROL. An activated nicotine spraying preparation made by combining nicotine and penetrol. Qt., \$1.25; gal., \$2.75; 5 gals., \$10.50.

NICOTINE. Fumigating powder. 10 lb., cans, each, \$6.15.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

KALITE. A better and safer protection for vegetables, fruits and flowers. A non-poisonous insecticide in powder form for controlling chewing and eating insects; not to be mixed with water; can be applied with any standard duster. Price, 1 lb., 35c; 3¼ lbs., \$1.00; 25 lbs., \$5.00; 100 lbs., \$15.00.

KALOIL. Self spreading, free flowing pyrethrum spray; mixes freely with hard or soft water at all normal temperatures, without using soap, heating or extra handling; a contact insecticide which kills most insects such as aphids, plant lice, leaf hoppers, red mites, etc. Price, 1½ oz., can 35c; 6 oz., can, \$1.00; 32 oz., can, \$3.85; gal., \$11.75.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings Gladiolas and disinfection of seed bed soil. Prices, 2 oz., 50c; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$56.25; 100 lbs., \$220.00. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.



ACME ALL ROUND SPRAY. The latest improvement in the insecticide field, one product which will combat blight and fungus diseases, control sucking insects and destroy chewing insects in one application; safe to use on almost all fruits, vegetables, flowers and shrubs. Per ¼ lb., 45c; 1 lb., 95c.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.45; 50 lbs., \$2.25; 100 lbs., \$3.50.

ARSENATE OF LEAD. (Dry.) For dusting and spraying. Solves the problem of controlling practically all leaf-eating insects in an efficient manner. 1 lb., 50c; 4 lbs., \$1.50; case of 24 lbs., \$5.00; 100 lbs., \$14.50.



PYROX. Kills all leaf-eating insects, destroys fungus growth, blight and rot. Mixes easily in cold water, sprays without clogging and sticks to foliage. Price, lb., 50c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$10.75; 100 lbs., \$15.50.

NICOTINE PYROX. For chewing and sucking insects. 10 oz., jar 50c; 40 oz., \$1.75.

NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; ½ pt., \$1.10; pt., \$2.00; 3 pts., \$5.75; original case 10 pts., \$17.50. 40% grade. 4 lbs., \$5.85; 8 lbs., \$10.85.

Pomo-Green With nicotine. The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew, and chewing insects. Lb., 75c; 5 lbs., \$3.00; 25 lbs., \$12.50.

PARIS GREEN. A poisonous insecticide in powder form, for insects which chew. ¼ lb., 20c; ½ lb., 35c; per lb., 55c; 5 lbs., \$2.50; 14 lbs., \$6.00.

PASTOXINE. Non-poisonous, a sure death to rats and mice, a small bait will kill a rat in from two to six hours, is absolutely harmless to human beings, poultry and domestic animals. Price, oz., 50c; 2½ oz., \$1.00.

RED ARROW. Non-poisonous, kills by contact will not burn or stain tenderest foliage, oz. will make 4 to 8 gals., spraying solution. Oz., 35c; ½ pint, \$1.75; qt., \$6.00; gal., \$18.00.



SNAROL. An insecticide bait to combat snails, cut-worms, sow bugs and grasshoppers. Price, 1 lb., 45c; 3 lbs., 95c; 15 lbs., \$3.50; 50 lbs., \$9.50.

SULPHO TOBACCO SOAP. One of the best remedies for greenfly on roses and house plants. Per ½-lb. box, 25c; by mail, 30c. 3 oz. package, each, 15c; by mail, 20c.

SCALECIDE. An oil preparation for San Jose scale. Use 1 gal. to 15 gals. water. Qt., 75c; gal., \$1.60; 5 gals., \$6.00; 10 gals., \$10.00. Write for price in barrel lots.

SLUG SHOT, Hammond's. Guaranteed to destroy potato bugs, and those on tomato and egg plants, currant worms, cabbage lice and worms. Price, 1 lb., 25c; 5 lb., tin 75c; 25 lb., bag, \$3.50. Per keg, 125 lbs. \$16.50; barrel, 250 lbs., in bulk, \$33.00.

Slug Shot Duster. ½ gal. size, 60c.

SHEPS PLANT SPRAY. An effective non-poisonous solution that kills and controls both sucking and chewing insects. 2 oz. bottle, 35c; ½ pt., 75c; pt., \$1.25; qt., \$2.00; gal., \$6.35; 5 gals., \$30.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 85c; qt., \$1.25; gal., \$3.75.

TOBACCO DUST. (Regular Grade.) 5 lbs., 35c; 10 lbs., 65c; 100 lbs., \$4.00.

TOBACCO STEMS. 100 lbs., \$2.50; 500 lbs., \$9.50; 1000 lbs., \$18.00.

TREE TANGLEFOOT. Perfect safeguard for trees. Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$11.00.



VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pint, 50c; pint, 75c; quart, \$1.10; gal., \$3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. ½ pint, 50c; pint, 75c; qt., \$1.00; gal., \$3.00; 5 gal., \$12.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphids, red spider, mildew scale, etc. Price, ½ pint, 40c; quart, \$1.00; gallon, \$3.00; 5 gallons for \$12.00.



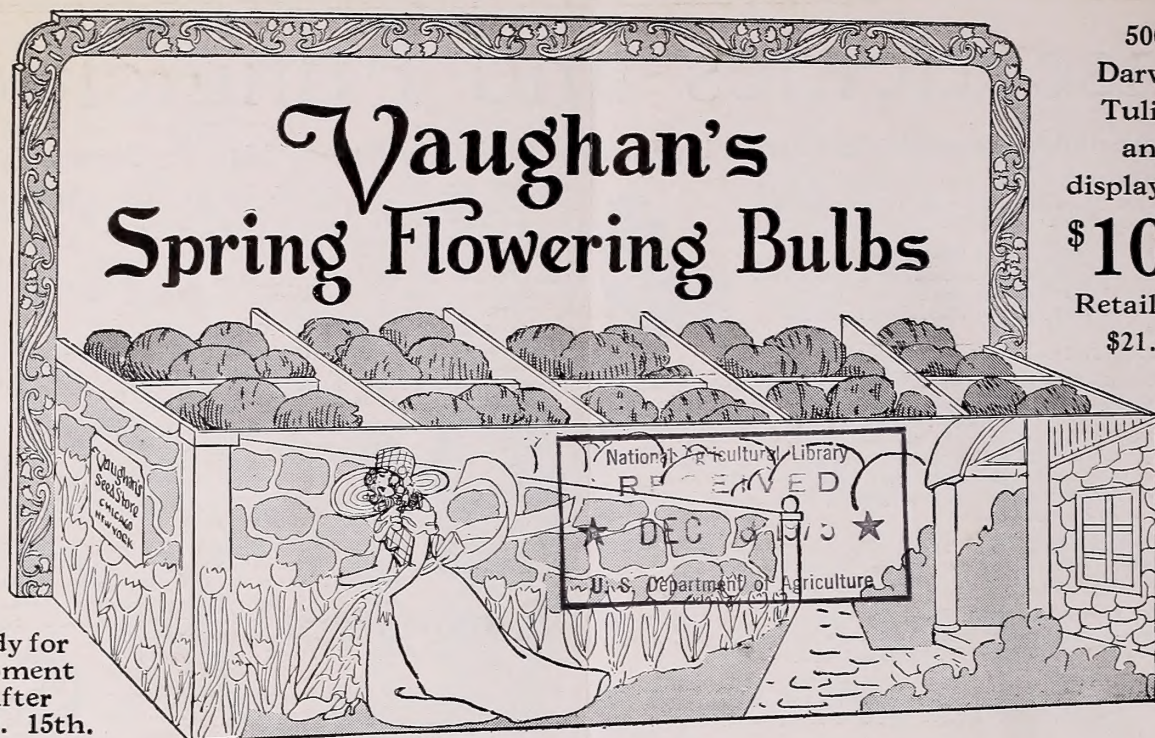
CYANO GAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.00; 25 lbs., \$10.00; 100 lbs., \$30.00. Write for leaflet.

WONDER-GROWTH Insecticide, Fumigant and Fertilizer. A finely ground ALL Tobacco Insecticide, Fumigant and Fertilizer. Very effective in all three of its uses. A very excellent plant food for flowers, lawns, gardens, and shrubbery. 25 lbs. \$1.75; 100 lbs., \$4.75.

Vaughan's Spring Flowering Bulbs

500
Darwin
Tulips
and
display box,
\$10.50
Retails for
\$21.00

Ready for
Shipment
After
Sept. 15th.



Double Your Money on Tulips Sold from This Beautiful Display

TULIP displays this spring were gorgeous and there will be a big demand for bulbs this fall at the reduced prices. Your profits are not reduced, and **there is no depression in gardening interest.** Do not fail to have these quick moving, profitable goods to offer.

Vaughan's bulbs are nationally known for their quality. No other assurance of your merchandise is needed than to say it comes from Vaughan's Seed Store. The ten-compartment display box staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties.

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, \$10.50; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, \$16.00, f. o. b. Chicago or New York.

The varieties in this collection are the most popular: Pride of Haarlem, Princess Elizabeth, Farncombe Sanders, Inglescombe Yellow, Afterglow, Bartigon, Bleu Aimable, Centenaire, La Tulipe Noire, Prof. Rawenhoff. You retail them for 50 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for \$10.00 for 500 bulbs, 10 each of the same varieties, in bags of 50; or \$19.00 for 1,000 bulbs, 100 each of the same ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bag-full to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties, and losing stock. A big, sure profit, and added sales are certain for anyone who takes advantage of this offer.

47 Barclay St., N. Y.-VAUGHAN'S SEED STORE-601 W. Jackson Blvd., Chicago, Ill.